
Appendix B.

General Explanation and Report Form

DEVELOPMENT OF THE REPORT FORM

The 2009 Census of Horticultural Specialties report form was developed through input from the horticultural industry and input solicited from each of NASS's field offices. The report form was also tested in several States and included various types of producers. Producers were asked to evaluate the report form through response by mail and cognitive interviews.

In order to reduce respondent burden, the report form also collected data for the 2009 Floriculture Survey, an annual program. Items required for that program were included in the report form. The scope of the 2009 Census of Horticultural Specialties included all operations with horticultural crop sales of \$10,000 or more. The scope of the annual floriculture survey included operations in 15 program states with floriculture sales of \$10,000 or more. Data required for the annual floriculture program, for producers who normally would have been selected for the annual floriculture survey, were extracted from the census and summarized separately to produce the 2009 Floriculture Summary publication.

A separate report form was developed for Hawaii to capture crops unique to that State. A listing describing the differences for the Hawaii report form is presented below.

DATA CHANGES FROM 1998

Following are descriptions of changes to the report form since the last time the census of horticultural specialties was conducted in 1998.

Deleted items include:

- Total gross sales for all crop categories.

- Total intentions for production in the following year for annual bedding/garden plants, potted herbaceous perennials, and potted flowering plants for indoor or patio use.
- Total area in production and total area intended for production for cut flowers and cut cultivated greens.
- Lei flowers: Orchid, Vanda – Miss Joaquim.
- Number grown and sold and value of sales for potted flowering plants for indoor or patio use in hanging baskets.
- Number sold and value of sales for herbaceous plants grown in pots less than 5 inches in diameter and for herbaceous perennials grown in pots 5 inches or greater in diameter (excluding chrysanthemums, hardy/garden).
- Area used for production of all nursery plants sold as bareroot; balled and burlapped, balled and potted, and other; container grown; and other.
- Total number sold and number sold as wholesale of all nursery plants sold as bareroot; balled and burlapped, balled and potted, and other; container grown; and other.
- Total value of sales and wholesale value of sales of all nursery plants sold as bareroot; balled and burlapped, balled and potted, and other; container grown; and other.
- Number sold and value of sales for herbaceous perennials in hanging baskets and for herbaceous perennials sold in flats.
- Total number of cut Christmas trees sold.
- Cultivated mushroom category. NASS produces an annual mushroom summary publication, which is a census of all commercial mushroom growers in all States.
- Percent of marketing by re-wholesalers.
- Energy used for the horticultural production operation.
- Questions related to irrigation on horticultural operations.

- Gross wages paid to workers.
- Total gross sales, total wholesale sales, and total retail sales.

New items include:

- Retail value of sales for all horticulture items.
- Total production of food crops grown under protection.
- Percent of production from hydroponic systems for food crops grown under protection.
- Number of Christmas trees on operation January 1, 2010.
- Percent of Christmas trees on operation January 1, 2010 expected to sell in future years.
- Bareroot herbaceous perennials in nursery stock production.
- Number of trees and nursery plants on operation January 1, 2010.
- Percent of total nursery stock sales that were sold as bareroot, balled and burlapped, containers (all types), or other.
- Quantity of vegetable seeds harvested and sold in pounds of clean seed.
- Area under protection used for production of flower seeds.
- Quantity of flower seeds harvested and sold in pounds of clean seed.
- Area under protection used for production of dried bulbs, corms, tubers, and rhizomes.
- Quantity of dried bulbs, corms, tubers, and rhizomes harvested and sold in pounds.
- Potting soil and growing media expense.
- Container expenses by type.
- Contract labor expense.
- Utilities purchased for the horticultural operation.
- Repair, supplies, and maintenance costs for the horticultural operation.
- Rent and lease expenses for land, buildings, machinery, etc.
- Interest paid on all debt related to the horticultural operation.
- Property taxes paid in 2009 for the horticultural operation.
- Marketing expenses.
- Other production expenses.
- Total shade structure area.
- Total natural shade area.
- Total area in the open.

- Area used by type for the production of all other horticultural crops.
- Total value of horticultural sales by sales category.
- Plant rental services (Hawaii form only).

Items listed separately on the 2009 report form that were reported in conjunction with similar crop items on the 1998 report form include:

- Cut flowers:

Orchid, vandaceous was listed separately in the Hawaii form and is not included in orchids, other.

Lei flowers: orchid, vandaceous was listed separately in the Hawaii form and is not included in other lei flowers.

Lei flowers: Protea was listed separately in the Hawaii form and is not included in other lei flowers.

- Orchids, oncidinae was listed separately on the Hawaii form and is not included in Orchids, other, in Potted flowering plants for indoor or patio use.
- Caladium, calibrachoa, dahlia, lobelia, and scaevola were listed separately and are not included in other flowering and foliar plants in Annual bedding/garden plants.
- Balsam fir, Colorado blue spruce, grand fir, Leyland cypress, white pine, and white spruce were listed separately and are not included in Other Christmas trees.
- Nursery stock production:

Deciduous shrubs, landscaping palms, and other woody vines and ornamentals were listed separately and are not combined as Deciduous shrubs and other environmentals.

Barberry, all, was listed separately and not included in Other deciduous shrubs.

Nursery stock sales categories were listed separately for each type of nursery stock.

Ornamental grasses were listed as Nursery stock in 2009. In 1998, they were listed as Herbaceous perennial plants.

- Hybrid poplars are listed separately and are not included in All other short rotation woody crops.
- Percent of marketing by wholesale florists and percent of marketing by landscape redistribution yards were listed separately and not included in other marketing channels.

Changes to data item names in 2009 include:

- Turfgrass sod, sprigs, or plugs was renamed Sod, sprigs, or plugs. Data are comparable between the 1998 and 2009 censuses.
- Nursery plants was renamed Nursery stock to match census of agriculture terminology. Data are comparable between the 1998 and the 2009 censuses.
- In table 2, the term “sold” was added to Sod, sprigs, or plugs, Nursery stock, Cut Christmas trees, and Short rotation woody crops to maintain data consistency between the 1998 and 2009 censuses.
- Cut flowers sold was renamed Cut flowers and Cut lei flowers sold.
- Standard, football, spider, and fuji were removed from Cut flowers: chrysanthemum, other.
- Data units for Cut flowers changed for a number of crops to match industry trends. Data may not be comparable between the censuses:

Carnation, miniature: changed to stems from bunches.

Godetia: changed to stems from bunches.

Leptospermum: changed to stems from bunches.

Orchid, dendrobium: changed to blooms from sprays.

Orchid, phalaenopsis: changed to blooms from sprays.

- Potted flowering plants was renamed Potted flowering plants for indoor or patio use.
- Flowering-type bedding plants was renamed Flowering and foliar annuals. Data are comparable between the censuses.

- Food crops grown under protection changes:

Greenhouse produced food crops was renamed Food crops grown under protection.

Peppers, sweet or hot was renamed Peppers, all (excluding ornamentals).

Lettuce was renamed Lettuce, all.

Other greenhouse produced food crops was renamed Other food crops grown under protection.

- Cut Christmas trees was renamed Christmas trees cut and to be cut.
- Nursery stock production changes:

Deciduous shade and flowering trees and Other nursery plants were combined into Nursery stock.

Roses was renamed Roses (shrubs).

Strawberry plants was renamed Strawberry plants (home use).

- Balled and burlapped, balled and potted, and other was renamed Balled and burlapped and Other.
- Hybrid poplars and other short term woody crops was renamed Short Rotation Woody Crops.
- Plants for further growing on and Other plants for further growing on were combined into Propagative horticultural material, bareroot, and unfinished plants.
- Transplants for commercial vegetable and strawberry production changes:

Transplants for commercial truck crops production was renamed Transplants for commercial vegetable and strawberry production.

Peppers, sweet or hot was renamed Peppers, all (excluding ornamentals).

Strawberries was renamed Strawberries (commercial production).

- Horticulture production expenses changes:

Selected production expenses was renamed Horticulture production expenses.

Plants, seeds, bulbs, and florist and nursery plants expenses was renamed Seeds, plants vines, trees, etc. purchased.

Commercial fertilizer was renamed Fertilizer, lime, and soil conditioners.

All other agricultural chemicals purchased was renamed Chemicals purchased.

Energy for the horticultural production operation was separated into Gasoline, fuels, and oils purchased for the horticultural operation and Utilities purchased for the horticultural operation.

Differences between the 2009 U.S. and Hawaii forms:

- Lei flowers were included on the Hawaii form but not on the U.S. form.
- Pink ginger, red ginger, other ginger, and heliconia were collected as separate items in Hawaii. These items were collected as Ginger and heliconia on the U.S. form.
- Bromeliad was listed separately on the Hawaii form but is included in other potted flowering plants on the U.S. form.
- Cut flower: orchids, oncidinae and Cut flower: orchids, vandaceous were listed separately on the Hawaii form and were included in Cut flower: orchids, other on the U.S. form.
- Potted flowering plant: Orchid, oncidinae was listed separately on the Hawaii form and was included in Potted flowering plants: orchids, other on the U.S. form.
- Ti leaves, floral use and Ti leaves, other uses were listed separately on the Hawaii form and were included in Other cut cultivated greens on the U.S. form.
- Plug seedlings: Cut flower seedlings – dendrobium orchids, All other orchids, and all other cut flower seedlings were listed separately on the Hawaii form and were combined into Plug seedlings: cut flowers on the U.S. form.

- Plug seedlings: Potted flowering plants – dendrobium orchids, All other orchids, and All other potted flowering plants were listed separately on the Hawaii form and were combined into Plug seedlings: Potted flowering plants on the U.S. form.
- Area used for horticultural production: cut flowers – anthuriums, dendrobium orchids, and all other cut flowers were listed separately on the Hawaii form but combined into Area used for horticultural production: cut flowers on the U.S. form.
- Area used for horticultural production: potted flowering plants – dendrobium orchids and All other potted flowering plants were listed separately on the Hawaii form and were combined into Area used for horticultural production: potted flowering plants on the U.S. form.

Items with no data reported for 2009:

- Cut lei flowers: protea
- Cut flower seedlings: all other orchids
- Natural shade area for cut flowers: dendrobium orchid production

TERMS AND DEFINITIONS

The following definitions and explanations provide a detailed description of specific items and terms used in this publication and on the report form. The 2009 Census of Horticultural Specialties report form and information sheet are included at the end of appendix B. The term “census” used in the definitions refers to the 2009 Census of Horticultural Specialties unless otherwise noted.

Plants purchased with the intention of immediate resale and with growth not added to the plant during a short holding period were excluded.

Annual bedding/garden plants. These include flowering and vegetable-type plants intended for outdoor use. Flowering plants are transplanted to beautify the landscape and can be annuals, biennials, or herbaceous perennials. Bedding plants may be used in patio pots, window boxes, and hanging baskets. Vegetable transplants are intended for use by home gardeners. Bedding/garden plants are

marketed as flats, individual pots, or hanging baskets. Flats vary in size and number of plants per flat. Flats reported in different sizes other than 10" x 20" or 11" x 22" were converted to 11" x 22" equivalents before summarization. Bareroot herbaceous perennial transplants were included under herbaceous perennial liners.

Aquatic plants. This includes plants with leaves at least partially submerged in water, plants with foliage floating on the water's surface, plants floating freely on water and with well-developed roots, and plants with their bases or roots submerged in water while most of their top growth is visible above the water. Algae and seaweed are excluded.

Area used for horticultural production. This represents the area used in greenhouses, shade structures, natural shade, and in the open to produce different types of horticultural specialty crops. The area used for production also included the area on benches or other stacked arrangements on which crops were grown. For example, if crops were grown in stacked trays three tiers high, the square footage of each tier was multiplied by the number of tiers to arrive at the area used for production.

This differs from total land area for two reasons. First, respondents could report the same total land area as used to grow different types of crops. For example, the respondent could report the greenhouse area used to grow annual bedding/garden plants and potted herbaceous perennials separately even if the plants were grown in the same greenhouse. Second, the land area could have production areas stacked on top of each other, as described in the example in the preceding paragraph. For these reasons, the area used for production for each crop type on a land area type could be different than the total area for that land area type.

Area used for production was summarized individually for cut flowers, potted flowering plants for indoor or patio use, potted herbaceous perennials, annual bedding/garden plants, foliage plants for indoor or patio use, cut cultivated greens, nursery stock, and all other horticultural specialty crops on the form. The area used to produce nursery propagative materials was included with the nursery stock production area. The areas used for the

production of all other horticultural specialty crops were added together under All other horticultural specialty crops.

Bareroot herbaceous perennials. This is a new item for 2009. Data were collected for all herbaceous perennials that were grown and sold for landscaping. The data were reported as bareroot to match the industry practices.

Christmas trees on operation, January 1, 2010. This is a new item for 2009. Data were collected for Christmas trees growing on the operation during 2009 that were expected to be cut in 2010 and later years. Respondents were also asked to report the percentages of these trees that would be cut in future years. The number of Christmas trees that were expected to be cut in future years was calculated at the respondent level by multiplying the total number of trees on operations, January 1, 2010, by the percentages reported for each year. The calculated numbers were then summarized at the national and state levels.

Cut Christmas trees. This includes data for acres of Christmas trees in production, number of trees sold, value of sales, number of trees on the operation on January 1, 2010, and the percent of trees on the operation on January 1, 2010 that will be cut and sold after 2009. Live balled and burlapped and container-grown Christmas trees were reported as nursery plants.

Only operations that reported cut Christmas trees sold were summarized in tables containing value of sales for cut Christmas trees. Operations that only reported area in production and trees on operation January 1, 2010 were summarized in tables containing area in production and trees on operation.

Cut cultivated greens. Cut cultivated greens are grown as filler and foliage for cut flower arrangements. Greens harvested from the wild and not cultivated were excluded. Cut cultivated greens are published as bunches, vines, or pounds based on plant type.

Cut flowers. Primarily grown for their blossoms, several crops of cut flowers can be produced from

the same area each year. After the flower is cut, the plant is either discarded or used for the production of more flowers, depending on the variety of the plant. Cut flowers are published as bunches, blooms, stems, spikes, heads, or sprays based on plant type.

Cuttings, plug seedlings, liners, tissue cultured plantlets, and prefinished plants. Unfinished plants (plants for further growing on) or propagation materials are grown or produced by specialty growers who sell them to other growers. This item was named Propagative materials, bareroot, and unfinished materials on the 2009 report form and Unfinished plants and propagation materials on the 1998 census. Data is comparable between the censuses.

Dried bulbs, corms, rhizomes, or tubers. This includes the production of dry corms, tubers, rhizomes, tuberous roots, and “true” bulbs grown for sale to bulb forcers and gardeners. 2009 was the first year for which total production in pounds was collected.

Dried flowers. The number of dried flowers sold was not collected because no single commonly accepted unit of measure is available.

Flats. For this publication, a flat is defined as 11" x 22." Report form responses with other dimensions were converted to this standard unit.

Flower seed production. This item includes data for flower seeds produced under protection or in the open. 2009 was the first year for which total production of flower seeds was collected.

Foliage plants for indoor or patio use. Foliage plants are produced for their decorative shape, size, color, and stem and leaf characteristics, and are used for interior decoration, interior landscaping, or patio decoration. They are usually sold in pots or hanging baskets. The data are published as pots or baskets. This section was renamed from Foliage plants in the 1998 census; however, data remain comparable between the censuses.

Food crops grown under protection. This was named Greenhouse-produced food crops in 1998.

Area, production, and sales data were collected only for food crops, such as vegetables, melons, strawberries, and sprouts, grown under glass or other protection. Food crops grown hydroponically, i.e., in nutrient solutions without soil, are included. 2009 is the first year for which production data and percent of production from hydroponic systems was collected. The production from hydroponic systems was calculated at the respondent level by multiplying the total production from each crop by the percentages reported for production from hydroponic systems. The calculated numbers were then summarized at the national and state levels.

Food crops grown outdoors were not included within the scope of the horticultural specialty census. Food crops temporarily covered for early germination, frost protection, or other unusual situations were excluded. Vegetable plants grown under protection for home gardens are included under bedding/garden plants. Strawberry plants grown under protection for home gardens are included under nursery plants.

Horticultural specialty operation. A horticultural specialty operation is defined by the North American Industry Classification System (NAICS) as an operation that primarily grows crops of any kind under cover and/or nursery stock and flowers. These crops include nursery stock, shrubbery, flower seeds and plants, foliage plants, bulbs, cultivated florist greens, mushrooms, short rotation woody crops, Christmas trees, aquatic plants, cuttings, plug seedlings, liners, tissue cultured plantlets, prefinished plants, sod grown under cover and/or in the open, and food crops grown under protection.

Although considered by the NAICS as horticulture operations, mushroom operations are excluded from the census because more detailed information is collected for them on NASS’ annual *Mushroom* survey. This is a census of all mushroom producers in the U.S. and contains more information on more types of mushrooms than was collected in previous censuses.

Operations that grow vegetables and fruits in the open are not defined by the NAICS as horticulture operations and are excluded from the census of horticultural specialties. Operations that grow grass seeds in the open are not considered horticultural

operations by the NAICS and are excluded from the census. While vegetable seed and vegetable transplant operations are not considered horticultural operations by the NAICS, the data for these operations were captured in the census for continuity with previous censuses.

Horticulture production expenses. This includes the production expenses paid by the operators, partners, and landlords. Expenses incurred but not paid in 2009 are included. Expenses not pertaining to horticulture production (e.g., a retail operation, production of non-horticulture commodities) are excluded. Several new expenses items are included in the census to provide a more detailed expense structure of horticultural operations. These items are noted as *(new)* below.

All other production expenses. This category includes all expenses not listed on the report form. Examples include customwork, storage and warehousing, insurance premiums, etc. Health expenses and payroll taxes are excluded.

Chemicals purchased. These 2009 expenses include insecticides, herbicides, fungicides, and other pesticides, including costs of custom application used on the horticultural operation.

Containers purchased (new). This represents the expense for containers used for horticultural production. Expenses related to packaging plants were reported in other production expenses.

Contract labor expense. This includes the cost of workers furnished on a contract basis by labor contractor, crew leader, or cooperative. Work included planting, maintaining, harvesting crops or similar horticultural activities. Expenses related to building or repair work done by construction contractors are excluded.

Fertilizer, lime, and soil conditioner purchased. These expenses include fertilizer and lime, including rock phosphate and gypsum, and the costs of custom application used on the horticultural operation in 2009.

Gasoline, fuels, and oils purchased (new). These expenses include the cost of all gasoline, diesel, natural gas, LP gas, motor oil, and grease products for the horticultural operation in 2009. Expenses exclude fuel and oil not purchased for horticultural production.

Hired labor expense. Data include total amount paid for horticultural labor, including regular workers, part-time workers, and members of the operator's family if they received payments for labor. Expenses include social security taxes, State taxes, unemployment tax, payment for sick leave or vacation pay, workman's compensation, insurance premiums, and pension plans. Expenses for laborers that did not work on the horticulture specialty operation (e.g., retail operations, non-horticultural production, etc.) are excluded.

Interest paid on all debt related to the horticultural operation (new). These expenses include interest and finance charges paid in 2009 for debts for the horticultural operation. Interest associated with activities not related to production of horticultural crops on this operation was excluded. Interest on owner/operator's dwelling, where the amount is separate from the interest on the land and buildings on the operation, is excluded.

Marketing expenses (new). These data include costs related to the marketing of horticultural crops for sale from the horticultural production operation. Costs related to retail stores on the operation are excluded.

Potting soil and growing media purchased (new). Data includes the total expenses paid for potting soils, growing media, inert support materials for hydroponic production, and expenses for soils mixed on the operation. Expenses for ground soil obtained from the operation for horticulture production and water used in hydroponic production are excluded.

Property taxes paid in 2009 (new). These data include property taxes paid by the operators and landlords for the horticultural operation's share of land, machinery, and buildings. Property taxes on land or buildings rented to someone else, property taxes paid on other property not associated with the

horticultural operation, income, social security, and excise taxes are excluded.

Rent and lease expenses for land, buildings, machinery, etc. (new). Data were collected for the cost of renting or leasing land, buildings, machinery, and vehicles for the horticultural production operation. Rent paid for operator's dwelling or other non-horticulture property is excluded.

Repair, supplies, and maintenance costs (new). These expenses include all costs for repair and upkeep of machinery, vehicles, buildings, fences, and other equipment used in the horticultural operation. Expenses for repairs to vehicles not used in the horticultural operation (e.g., landscaping, retail sales, etc.), construction of new buildings, or additions to existing buildings are excluded.

Seeds, plants, vines, trees, etc. purchased. These expenses include the cost of all seeds, bulbs, plants, propagation materials, and trees. Excluded were items purchased for immediate resale or the value of seed grown on the operation.

Utilities purchased for this operation (new). These data are for the farm share cost of electricity, telephone charges, internet fees, and water purchased. Utilities not purchased for horticultural production are excluded.

Hybrid poplar. See short rotation woody crops.

Kind of business. All operators were classified by kind of business. This is composed of 17 categories based on the grower's principal source of income. A rule of more than 50 percent was used as a determining factor. When a specified commodity group comprised more than 50 percent of an operation's total sales, the operation was then identified under that category. An operation was classified as "other" when the sales in any one commodity group did not equal more than 50 percent of the total sales. The 17 categories used to identify an operational kind of business are:

- Annual bedding/garden plants
- Aquatic plants
- Cut Christmas trees
- Cut cultivated greens

- Cut flowers and cut lei flowers
- Dried bulbs, corms, rhizomes, or tubers
- Flower seeds produced for sale
- Foliage plants for indoor or patio use
- Food crops grown under protection
- Potted herbaceous perennial plants
- Nursery stock
- Potted flowering plants for indoor or patio use
- Transplants for commercial vegetable and strawberry production
- Sod, sprigs, or plugs
- Cuttings, plug seedlings, liners, tissue cultured plantlets, and prefinished plants
- Vegetable seeds produced for sale
- Other horticultural crops

An operation was classified as "other" when the sales in any one commodity group did not equal more than 50 percent of the total sales or if more than 50 percent of its total value of sales were from tobacco transplants or short rotation woody crops.

Labor. Data are reported for the number of hired workers, including paid family members, by the number of days worked. Employees not directly involved in the growing operation, e.g., garden center clerks, are excluded.

Land, structures, and equipment. Operators were asked to report the current market value of land and buildings owned, rented, or leased from others and all machinery and equipment kept on the place and used specifically for the horticultural operation. Market value refers to the respondent's estimate of what the land, buildings, machinery, and equipment would sell for under current market conditions.

Inquiries concerning land area used for specific commodity groups and land area covered by greenhouses were included on the report form. Multiple cropping, such as the multiple use of the same area for flowering and bedding plants, will duplicate greenhouse space or land area in some instances.

Marketing channels. Respondents were instructed to report the percent of the total value of horticultural specialty crop sales through each of the listed marketing channels. Some respondents reported selling directly to consumers at wholesale prices.

This inconsistency was permitted because the respondents were offering wholesale prices to purchasers who would normally be considered retail customers.

Data for 2009 and 1998 are not comparable. 2009 was the first year in which respondents were asked to report the percent of their total value of sales from each marketing channel. In 1998, respondents reported the percent of horticultural specialty crops sold by marketing channel and approximations of the total value of sales by marketing channel were published. Plants for further growing on, e.g., liners, lining out stock, plug seedlings, tissue cultured plantlets, prefinished plants, or propagation materials, such as cuttings, were included for 2009. These crops were excluded for 1998. The re-wholesaler category was grouped into other and landscape redistribution yards and wholesale florists were listed separately for 2009. Sales through marketing channels other than those listed on the report form are summarized in Other.

More than one growing location reported. Data for each operation were tabulated in the grower's principal State and county. The principal State and county were defined as the one location where the largest value of horticultural specialty crops was grown. The data were used for mailing list maintenance and were not summarized in the census.

Number of Christmas trees on operation, January 1, 2010. This is a new item for 2009. Data were collected for Christmas trees growing on the operation during 2009 that were expected to be cut in 2010 and later years. The data, when used with the number of trees cut and sold in 2009, show a more complete picture of Christmas tree production.

Number of trees and nursery plants on operation January 1, 2010. This is a new item for 2009. Data were collected for nursery stock growing on the operation during 2009 that were expected to be sold in 2010 and later years. The data, when used with the number of trees cut and sold in 2009, show a more complete picture of nursery stock production.

Nursery stock. This item includes the major categories of plants, such as deciduous shade and

flowering trees, coniferous and broadleaf evergreens, shrubs, bushes, ground covers, fruit and nut trees, grapevines, small fruit plants, and vines. Finished plants of sale size were only reported in Nursery stock. Unfinished plants, such as liners, plug seedlings, rooted cuttings, and tissue cultured plantlets were collected and summarized in Cuttings, plug seedlings, liners, tissue cultured plantlets, and prefinished plants. Nursery stock seedlings grown from plug seedlings, cutting, liners, or tissue cultured plantlets and sold as a finished product were included with nursery stock.

Seedlings for reforestation are considered forestry and when identified were excluded. Plants purchased from others for immediate resale or without growth or change to the plant were excluded. Evergreens grown and cut for use as Christmas trees were excluded. Only operations that reported nursery stock sold were summarized in tables containing value of sales for nursery stock. Operations that only reported area under production and trees or plants on operation January 1, 2010 were summarized in tables containing area under production and trees or plants on hand.

Other bedding plant liners. Data relate to any bedding plant liners not having a specific item code on the report form.

Other broadleaf evergreens. Data relate to any broadleaf evergreens not having a specific item code on the report form.

Other coniferous evergreens. Data relate to any coniferous evergreens not having a specific item code on the report form. Live Christmas trees were included in Other Christmas trees in 1998.

Other cut Christmas trees. Data relate to any cut Christmas trees not having a specific item code on the report form. Balsam fir, Colorado blue spruce, grand fir, Leyland cypress, white pine, and white spruce were included in Other Christmas trees for 1998.

Other cut cultivated greens. Data relate to any cut cultivated greens not having a specific item code on the report form.

Other cut flowers. Data relate to any cut flowers not having a specific item code on the report form. Protea was listed separately for 2009 whereas it was included in other cut flowers for 1998.

Other cuttings. Data relate to any cuttings not having a specific item code on the report form.

Other deciduous flowering trees. Data relate to any deciduous flowering trees not having a specific item code on the report form.

Other deciduous shade trees. Data relate to any deciduous shade trees not having a specific item code on the report form.

Other deciduous shrubs. Data relate to any deciduous shrubs not having a specific item code on the report form. Barberry was included in other deciduous shrubs for 1998.

Other flower seeds. Data relate to any flower seed crops not having a specific item code on the report form.

Other flowering and foliar annuals. Data relate to any flowering and foliar annual bedding/garden plants not having a specific item code on the report form. Caladium, calibrachoa, dahlia, lobelia, and scaevola were listed as Other flowering and foliar annuals in 1998.

Other flowering plant liners. Data relate to any flowering plant liners not having a specific item code on the report form.

Other foliage plant liners. Data relate to any foliage plant liners not having a specific item code on the report form.

Other foliage plants for indoor or patio use. Data relate to any foliage plants not having a specific item code on the report form.

Other food crops grown under protection. Data relate to any food crops grown under protection not having a specific item code on the report form.

Other fruit and nut trees. Data relate to any fruit and nut trees not having a specific item code on the report form.

Other ground covers. Data relate to any ground covers not having a specific item code on the report form. Vinca ground cover was included in other environmental for 1998.

Other lei flowers. Data relate to any lei flowers not having a specific item code on the report form.

Other nursery plant liners. Data relate to any nursery plant liners not having a specific item code on the report form.

Other orchids. Data relate to any orchids not having a specific item code on the report form. Other orchids sold as cut flowers on the U.S. form included oncidinae orchids and vandaceous orchids. These orchids were asked separately on the Hawaii form and were summarized separately in the census for Hawaii only.

Other orchids sold as potted flowering plants on the U.S. form include oncidinae orchids. Oncidinae orchids were asked separately on the Hawaii form and are summarized separately in the census for Hawaii only.

Other plug seedlings. Data relate to any plug seedlings not having a specific item code on the report form.

Other potted flowering plants for indoor or patio use. Data relate to any potted flowering plants not having a specific item code on the report form.

Other potted herbaceous perennial plants. Data relate to any potted herbaceous perennials not having a specific item code on the report form.

Other potted spring flowering bulbs. Data relate to any potted spring flowering bulbs not having a specific item code on the report form. Crocus was included in other potted spring flowering bulbs for 1998.

Other prefinished flowering plants. Data relate to any prefinished flowering plants not having a specific item code on the report form.

Other short rotation woody crops. Data relate to any short rotation woody crops not having a specific item code on the report form. Hybrid poplars were included in other short rotation woody crops for 1998.

Other small fruit plants. Data relate to any small fruit plants not having a specific item code on the report form.

Other tissue cultured plantlets. Data relate to any tissue cultured plantlets not having a specific item code on the report form.

Other transplants for commercial vegetable production. Data relate to any transplants for commercial vegetable production not having a specific item code on the report form.

Other vegetable-type bedding plants. Data relate to any vegetable-type bedding plants not having a specific item code on the report form.

Other vines. Data relate to any vines not having a specific item code on the report form.

Percent of Christmas trees on operation January 1, 2010 expected to sell in future years. This is a new item for 2009. Respondents were asked to report the percentages of these trees that would be cut in future years. The percentages were then multiplied by the total number of Christmas trees on the operation, January 1, 2010, to produce an estimate of the number of trees that would be sold in future years.

Percent of total nursery stock sales that were sold as bareroot, balled and burlapped, containers (all types), or other. This item was modified from 1998 to ask for the percentage of the total values of sales for each nursery stock type sold in each category. Questions on area used for production and number sold were eliminated for ease of reporting. Numbers reported in the publication tables represent the total

value of sales of each nursery stock type that was sold in each category.

Plant rental services (Hawaii form only). Data were collected for plant rental services in Hawaii. The data were summarized only for the 2010 Hawaii Flowers and Nursery Products Annual Summary and not summarized in the census.

Plug seedlings, cut flowers: all other. Data for this item were only requested from HI producers. Data for this item for the rest of the U.S. are included in Plug seedlings, cut flowers.

Plug seedlings, cut flowers: dendrobium orchids. Data for this item were only requested from HI producers. Data for this item for the rest of the U.S. are included in Plug seedlings, cut flowers.

Plug seedlings, potted flowering plants: all other. Data for this item were only requested from HI producers. Data for this item for the rest of the U.S. are included in Plug seedlings, potted flowering plants.

Plug seedlings, potted flowering plants: dendrobium orchids. Data for this item were only requested from HI producers. Data for this item for the rest of the U.S. are included in Plug seedlings, potted flowering plants.

Plug seedlings, potted flowering plants: all other orchids. Data for this item were only requested from HI producers. Data for this item for the rest of the U.S. are included in Plug seedlings, potted flowering plants.

Potted flowering plants for indoor or patio use. Grown for their flowering qualities and sold for indoor or patio use, most potted flowering plants are produced for a specific season of the year or holiday. Includes forced bulbs sold in pots. Data are published as number of pots or hanging baskets sold.

Potted herbaceous perennial plants. Herbaceous perennial plants in the 1998 census was renamed Potted herbaceous perennial plants in 2009. Questions on herbaceous perennials sold in hanging baskets were removed from the 2009 census.

Propagative materials, bareroot, and unfinished plants. See Cuttings, plug seedlings, liners, tissue cultured plantlets, and prefinished plants.

Retail sales. This represents the value received from selling horticultural specialty plants to individual consumers and not to other businesses for further selling.

Returns and allowances. Returns and allowances were collected as a single item on the report form to coincide with the business loss expense on the tax form. Returns represents either the amount of money paid back to a customer or the value of a replacement item(s) given to a customer in exchange for any plants that died or did not perform up to expectations. Allowances represent the amount of loss incurred by the grower for plants that were damaged, became non-sellable, or were sold at a reduced price due to the condition of the plant. Items that would be included in this classification include plants that died or were damaged while waiting to be sold, plants that had become too leggy and were no longer desirable by consumers, and plants that had passed their prime and were no longer desirable due to the seasonal nature of the item (potted bulbs, poinsettias, cut Christmas trees, etc.).

Sales. This represents the sum of all horticultural specialty crops grown and sold from the operation. It does not include income from landscape contracting, plant rental, and garden center items sold, such as tools, fertilizer, etc. Value of sales from non-horticulture commodities were also excluded.

2009 was the first year in which operations reported their retail sales. Total value of sales was then calculated as the sum of the retail and wholesale sales. In previous censuses, operations reported total and wholesale sales and retail sales were obtained by subtracting wholesale sales from totals sales.

Short rotation woody crops. This includes fast-growing trees, such as hybrid poplar or cottonwood, that are grown for 10 years or less for pulpwood, saw logs, etc. The production of these trees involves more than simply planting tree seedlings. Operations that provide inputs and resources, such as fertilizing, thinning, watering, and spraying, are included. Operations planting seedlings for pulpwood with

limited or no intervention by external resources are considered forestry operations and not horticultural specialty operations. This item was included in the other kind of business category.

Only operations that reported short rotation woody crops sold were summarized in tables containing value of sales for short rotation woody crops. Operations that only reported area under production were summarized in tables containing area under production.

Sod, sprigs, or plugs. Turfgrass sod, sprigs, and plugs from the 1998 census was renamed to this item in 2009; data are comparable between the censuses. This category includes all varieties of specialized grasses cultivated for sale as sod. Acres harvested and the value of gross sales are included. Grass acreage includes acres harvested in 2009 and acres planted to grass intended for sale as sod in subsequent years and not harvested in 2009.

Sprigs and plugs were not collected with sod harvested in the agriculture census; therefore, these data are not comparable to the 2007 Census of Agriculture. Sod plugs are small cylindrical or block-shaped sections extracted from field turf or cut from strips of sod. Sprigs are individual plants or sections of plants containing several nodes from which new plants may develop.

Only operations that reported sod, sprigs, and plugs harvested and sold were summarized in tables containing value of sales for sod, sprigs, and plugs. Operations that only reported area under production were summarized in tables containing area under production.

Ti leaves. Data for ti leaves were separated into those sold for floral uses and those sold for other uses on the HI report form. Operations that could not separate their ti leaves sales reported them in combination with cordyline on the HI report form. Data for ti leaves were only collected in combination with cordyline on the U.S. report form.

Tobacco transplants grown for sale. This includes tobacco transplants grown for sale in greenhouses, seed beds, or cold frames, and excludes tobacco transplants for the farmer's (grower's) own use.

Total land area. This is a new item for 2009. The total land area represents the land utilized on the operation as the area for horticultural production. This differs from the area used for horticultural production. Reported values for area used for horticultural production include the volume of stacked benches and stacked pots and the area used to produce multiple crop types. Data for Area in the open do not include acres in production for Christmas trees or sod, sprigs, or plugs. See Area used for horticultural production for a full definition.

Total value of horticultural sales by sales size category. This is a new item for 2009. It was added to assist the respondent in reporting the total value of horticultural specialty sales from the operation. Sales were reported in one of the 14 sales size categories listed on the report form. Final data were combined into 10 size categories.

Total value of sales of propagative (unfinished) materials. This question collected the value of sales for all propagative materials for each of the following categories: cut flowers and cut lei flowers, potted flowering plants, annual bedding/garden plants, herbaceous perennials, foliage plants, and cut cultivated greens. These data were collected for and summarized only in the 2010 Commercial Floriculture publication and not in the census.

Transplants for commercial vegetable and strawberry production. This item was named Transplants for commercial truck crop production on the 1998 census; data are comparable between the censuses. Data were collected for vegetable and strawberry plants sold for large-quantity commercial production outside of residential use. Vegetable plants that were sold for home gardens were summarized with annual bedding/garden plants.

Strawberry plants for home use were summarized with nursery stock.

Turfgrass sod, sprigs, and plugs. See Sod, sprigs, and plugs.

Type of ownership. The following classifications were used to identify the types of ownership:

- Individual proprietor, excluding partnerships and corporation.
- Partnership, including family partnership.
- Corporation, including family corporation.
- Other - Includes institutional operations, such as schools, hospitals, penitentiaries, government agencies, and experimental and research operations.

Unfinished plants or propagation materials. Unfinished plants (plants for further growing on) or propagation materials are grown or produced by specialty growers who sell them to other growers. These plants or materials include cuttings, liners, plug seedlings, tissue-cultured plantlets, and prefinished plants.

Vegetable seed production. This item includes data for vegetable seeds produced outdoors or under glass. Potato and sweet corn seed production are not included. The data from the operations that were identified after the initial census mail list was created were included. 2009 is the first year when data on vegetable seed quantity harvested was collected in the census of horticulture.

Wholesale sales. This represents the value received from selling horticultural specialty plants to other businesses and not directly to individual consumers.

2009 CENSUS OF HORTICULTURAL SPECIALTIES

Form Number: 09-A624
(12/01/09)National Agricultural
Statistics ServicePlease return your
completed report to:Census of Agriculture
1201 East 10th Street
Jeffersonville, IN 47132

OFFICE USE ONLY

0010 0011 0016

09-A624

Please make corrections to name, address, and ZIP code if necessary.

Everyone who receives a form **must complete and return** one by mail or via the Internet at www.agcensus.nass.usda.gov. Your report is due by **February 5, 2010**. To fill out the paper form, use a black or blue ballpoint pen. **Duplicate forms?** If you received extra report forms for the SAME farming operation, return all report forms in the same envelope with this completed report.

Questions? Call us toll-free at **1-888-424-7828**. Thank you for your cooperation.

1. Mark (X) all crops listed below that this operation produced in 2009. Exclude plants purchased from others but not finished (grown on) before resale.

- | | |
|--|--|
| 201 <input type="checkbox"/> Cut flowers | 211 <input type="checkbox"/> Sod, sprigs, and plugs |
| 202 <input type="checkbox"/> Potted flowering plants for indoor or patio use | 212 <input type="checkbox"/> Short rotation woody crops (trees for pulpwood, sawlogs, etc. with growth cycles of 10 years or less) |
| 203 <input type="checkbox"/> Potted herbaceous perennials | 213 <input type="checkbox"/> Aquatic plants |
| 204 <input type="checkbox"/> Annual bedding/garden plants | 214 <input type="checkbox"/> Vegetable seeds |
| 205 <input type="checkbox"/> Foliage plants for indoor or patio use | 215 <input type="checkbox"/> Flower seeds |
| 206 <input type="checkbox"/> Cut cultivated greens | 216 <input type="checkbox"/> Dried bulbs, corms, rhizomes, and tubers |
| 207 <input type="checkbox"/> Food crops grown under protection | 217 <input type="checkbox"/> Propagative materials, bareroot and unfinished plants |
| 208 <input type="checkbox"/> Cut Christmas trees | 218 <input type="checkbox"/> Transplants for commercial vegetable and strawberry production |
| 209 <input type="checkbox"/> Nursery stock & ornamentals, shrubs, shade trees, live Christmas trees, fruit and nut trees, vines, palms, ornamental grasses, etc. | 219 <input type="checkbox"/> Tobacco transplants |
| | 220 <input type="checkbox"/> None of the above – go to SECTION 28 |

2. Did this operation sell \$10,000 or more of these horticulture crops in **2009**?

- 200 1 ☐ **YES** – Go to SECTION 1 3 ☐ **NO** – Go to SECTION 23

PENALTY FOR FAILURE TO REPORT

NOTICE: Response to this inquiry is required by law (Title 7, U.S. Code). By the same law, YOUR REPORT IS CONFIDENTIAL and it will only be used for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

09624016



SECTION 1 CUT FLOWERS

1. Did this operation produce and sell any cut flowers during 2009?

INCLUDE: – Greenhouse and field grown cut flowers.

EXCLUDE: – Potted flowering plants for indoor or patio use. Report in SECTION 2.

– Dried bulbs, rhizomes, corms, and tubers to be used for forcing or outdoor use. Report in SECTION 16.

– Unfinished plants (plug seedlings, cuttings, liners, tissue cultured plantlets, etc.). Report in SECTION 17.

401 1 ☐ **YES** – Complete this SECTION 3 ☐ **NO** – Go to SECTION 2

2. For each type of cut flower produced and sold report production and sales. For plants not printed in the table on the next page, enter the plant name and code from the list below. Report number sold in the units specified for each variety (stems, bunches, blooms, sprays or spikes).

Cut Flowers	Code	Cut Flowers	Code	Cut Flowers	Code
Alstroemeria (stems)	452	Gladioli (spikes)	046	Orchid, dendrobium (blooms)	2145
Anthurium (stems)	2005	Godetia (stems)	2075	Orchid, phalaenopsis (blooms)	2150
Aster (stems)	2010	Gypsophila (bunches)	2080	Orchid, other (blooms)	2155
Bird of Paradise/Strelitzia (stems)	2015	Heather (bunches)	2085	Protea (stems)	2160
Calla Lilies (stems)	2020	Iris (stems)	464	Rose, hybrid tea (stems)	2165
Carnations, standard (stems)	006	Leptospermum (stems)	2095	Rose, spray type (stems)	2170
Carnations, miniature (stems)	2030	Liatris (bunches)	2100	Rose, sweetheart (stems)	2175
Chrysanthemums, pompon (bunches)	036	Lily, Asiatic (stems)	2105	Snapdragons (spikes)	484
Chrysanthemums, other (bunches)	2040	Lily, Oriental (stems)	2110	Statice (bunches)	2185
Daffodil/Narcissus (stems)	2045	Lily, other (stems)	2115	Stephanotis (blooms)	2190
Delphinium/Larkspur (stems)	456	Limonium (bunches)	2120	Stock (stems)	2195
Dried flowers, (report value of sales only)	2400	Lisianthus (stems)	472	Sunflower (stems)	2200
Freesia (stems)	2050	Marguerite daisies (stems)	2130	Tulips (stems)	488
Gerbera daisies (stems)	460	Orchid, cattleya (blooms)	2135	Zinnia (stems)	2210
Ginger and heliconia (stems)	2070	Orchid, cymbidium (blooms)	2140	Other cut flowers, (report value of sales only)	2480

09624024



(If more space is needed, use a separate sheet of paper.)

09624032



SECTION 2 POTTED FLOWERING PLANTS FOR INDOOR OR PATIO USE

1. Did this operation finish and sell any potted flowering plants or potted flowering bulbs for indoor or patio use during 2009?

EXCLUDE: – Dried bulbs, rhizomes, corms, and tubers to be used for forcing or outdoor use. Report in SECTION 16.
 – Foliage plants for indoor or patio use. Report in SECTION 5.
 – Annual bedding/garden plants. Report in SECTION 4.
 – Potted herbaceous perennial plants. Report in SECTION 3.
 – Unfinished plants (plug seedlings, cuttings, liners, tissue cultured plantlets, etc.) Report in SECTION 17.
 – Plants intended for landscape use purchased from others. Report in SECTION 9.
 – Finished plants purchased from others and resold.
 – Hardy/garden chrysanthemums. Report in SECTION 3.
 – Caladium. Report in SECTION 4.

402 1 ☐ **YES** – Complete this SECTION 3 ☐ **NO** – Go to SECTION 3

2. For each type of potted flowering plant finished and sold, report production and sales. For those plants not printed in the table on the next page, enter the plant name and code from the list below.

Potted Flowering Plants	Code	Potted Flowering Plants	Code	Potted Spring Flowering Bulbs	Code
African Violets	056	Hydrangea	3130	Crocus	3300
Alstroemeria	3010	Kalanchoes	3140	Daffodils/Narcissus	3310
Anthurium	3020	Lilies, Easter	077	Hyacinth	3320
Azaleas, finished florist	070	Lilies, other	3160	Tulips	3330
Begonias	3040	Orchids, dendrobium	3170		
Chrysanthemums, florist	063	Orchids, phalaenopsis	3180	Other potted spring flowering bulbs	3380
Cineraria	3060	Orchids, other	3190		
Combination planters	3400	Poinsettias	091		
Cyclamens	3070	Primula	3210		
Exacum	3080	Regal pelargonium	3220		
Gardenias	3090	Roses, florist potted	561		
Gerbera daisies	3100	Zygocactus/ Schlumbergera	3240		
Gloxinias	3110	Other potted flowering plants	3480		
Hibiscus, potted	3120				

09624040



SECTION 2 POTTED FLOWERING PLANTS FOR INDOOR OR PATIO USE, continued

Potted Flowering Plants	Code	Type of Container	Retail Sales in 2009		Wholesale Sales in 2009	
			Number Sold	Value (Dollars)	Number Sold	Value (Dollars)
African Violets	056	Pots less than 5"		720 \$.00	058	060 \$.00
		Pots 5" or more	057	721 \$.00	059	235 \$.00
Azaleas, finished florist (Showing color)	070	Pots less than 5"		726 \$.00	072	074 \$.00
		Pots 5" or more	071	727 \$.00	073	237 \$.00
Chrysanthemums, florist (Exclude hardy/garden mums)	063	Pots less than 5"		722 \$.00	065	067 \$.00
		Pots 5" or more	064	723 \$.00	066	236 \$.00
Lilies, Easter	077	Pots less than 5"		730 \$.00	079	081 \$.00
		Pots 5" or more	078	731 \$.00	080	238 \$.00
Orchids, dendrobium	3170	Pots less than 5"		3171 \$.00	3172	3173 \$.00
		Pots 5" or more	3175	3176 \$.00	3177	3178 \$.00
Orchids, phalaenopsis	3180	Pots less than 5"		3181 \$.00	3182	3183 \$.00
		Pots 5" or more	3185	3186 \$.00	3187	3188 \$.00
Orchids, other	3190	Pots less than 5"		3191 \$.00	3192	3193 \$.00
		Pots 5" or more	3195	3196 \$.00	3197	3198 \$.00
Poinsettias	091	Pots less than 5"		734 \$.00	093	095 \$.00
		Pots 5" or more	092	735 \$.00	094	240 \$.00
Roses, florist potted	561	Pots less than 5"		562 \$.00	563	564 \$.00
		Pots 5" or more	565	566 \$.00	567	568 \$.00
Specify from list on page 4:		Pots less than 5"		1 \$.00	2	3 \$.00
		Pots 5" or more	5	6 \$.00	7	8 \$.00
		Pots less than 5"		1 \$.00	2	3 \$.00
		Pots 5" or more	5	6 \$.00	7	8 \$.00
		Pots less than 5"		1 \$.00	2	3 \$.00
		Pots 5" or more	5	6 \$.00	7	8 \$.00
		Pots less than 5"		1 \$.00	2	3 \$.00
		Pots 5" or more	5	6 \$.00	7	8 \$.00
		Pots less than 5"		1 \$.00	2	3 \$.00
		Pots 5" or more	5	6 \$.00	7	8 \$.00
		Pots less than 5"		1 \$.00	2	3 \$.00
		Pots 5" or more	5	6 \$.00	7	8 \$.00
		Pots less than 5"		1 \$.00	2	3 \$.00
		Pots 5" or more	5	6 \$.00	7	8 \$.00
		Pots less than 5"		1 \$.00	2	3 \$.00
		Pots 5" or more	5	6 \$.00	7	8 \$.00

(If more space is needed, use a separate sheet of paper.)

09624057



SECTION 3 POTTED HERBACEOUS PERENNIALS

1. Did this operation finish and sell any potted hardy/garden chrysanthemums, hostas, or other potted herbaceous perennials during 2009?

INCLUDE: – Field grown potted herbaceous perennials.

EXCLUDE: – Dried bulbs, rhizomes, corms, and tubers to be used for forcing or outdoor use. Report in SECTION 16.
 – Ground covers. Report in SECTION 9.
 – Unfinished plants (plug seedlings, cuttings, liners, tissue cultured plantlets, etc.). Report in SECTION 17.
 – Bareroot herbaceous perennials. Report in SECTION 9.
 – Climbing clematis. Report in SECTION 9.

0403 1 ☐ **YES** – Complete this SECTION 3 ☐ **NO** – Go to SECTION 4

2. For each type of potted herbaceous perennial finished and sold, report production and sales. For those plants not printed in the table on the next page, enter the plant name and code from the list below.

Herbaceous Perennials	Code	Herbaceous Perennials	Code	Herbaceous Perennials	Code
Astilbe	4000	Daylilies	4140	Phlox	4280
Bleedingheart	4020	Delphinium/Larkspur	4160	Purple coneflower (<i>Echinacea</i>)	4300
Chrysanthemums (hardy/garden)	800	Dianthus	4180	Rudbeckia	4320
Clematis (non-climbing)	4060	Ferns (hardy/garden)	4200	Salvia (perennial)	4340
Columbine	4080	Hostas	808	Sedum	4360
Coral bells	4100	Iris	4240	Veronica	4380
Coreopsis	4120	Peonies	4260	Other herbaceous perennials	4400

09624065



SECTION 3 POTTED HERBACEOUS PERENNIALS, continued

Herbaceous Perennials	Code	Type of Container	Retail Sales in 2009		Wholesale Sales in 2009	
			Number Sold	Value (Dollars)	Number Sold	Value (Dollars)
Chrysanthemums (hardy/garden)	800	Pots less than 5"		801 \$.00	802	803 \$.00
		Pots 5" or more	804	805 \$.00	806	807 \$.00
Hostas	808	Less than 1 gal.		809 \$.00	810	811 \$.00
		1 gal. up to 2 gal.	812	813 \$.00	814	815 \$.00
		2 gal. or larger	816	817 \$.00	818	819 \$.00
Specify from list on page 6:		Less than 1 gal.		1 \$.00	2	3 \$.00
		1 gal. up to 2 gal.	5	6 \$.00	7	8 \$.00
		2 gal. or larger	10	11 \$.00	12	13 \$.00
		Less than 1 gal.		1 \$.00	2	3 \$.00
		1 gal. up to 2 gal.	5	6 \$.00	7	8 \$.00
		2 gal. or larger	10	11 \$.00	12	13 \$.00
		Less than 1 gal.		1 \$.00	2	3 \$.00
		1 gal. up to 2 gal.	5	6 \$.00	7	8 \$.00
		2 gal. or larger	10	11 \$.00	12	13 \$.00
		Less than 1 gal.		1 \$.00	2	3 \$.00
		1 gal. up to 2 gal.	5	6 \$.00	7	8 \$.00
		2 gal. or larger	10	11 \$.00	12	13 \$.00
		Less than 1 gal.		1 \$.00	2	3 \$.00
		1 gal. up to 2 gal.	5	6 \$.00	7	8 \$.00
		2 gal. or larger	10	11 \$.00	12	13 \$.00
		Less than 1 gal.		1 \$.00	2	3 \$.00
		1 gal. up to 2 gal.	5	6 \$.00	7	8 \$.00
		2 gal. or larger	10	11 \$.00	12	13 \$.00
		Less than 1 gal.		1 \$.00	2	3 \$.00
		1 gal. up to 2 gal.	5	6 \$.00	7	8 \$.00
		2 gal. or larger	10	11 \$.00	12	13 \$.00
		Less than 1 gal.		1 \$.00	2	3 \$.00
		1 gal. up to 2 gal.	5	6 \$.00	7	8 \$.00
		2 gal. or larger	10	11 \$.00	12	13 \$.00
		Less than 1 gal.		1 \$.00	2	3 \$.00
		1 gal. up to 2 gal.	5	6 \$.00	7	8 \$.00
		2 gal. or larger	10	11 \$.00	12	13 \$.00

(If more space is needed, use a separate sheet of paper.)

09624073



SECTION 4 ANNUAL BEDDING/GARDEN PLANTS

1. Did this operation finish and sell any annual bedding/garden plants during 2009?

INCLUDE: – Flowering and foliar bedding/garden plants

EXCLUDE: – Finished bedding/garden plants purchased from others and resold.
 – Transplants used in commercial vegetable and strawberry production. Report in SECTION 18.
 – Ground covers. Report in SECTION 9.
 – Strawberry plants sold for home garden use. Report in SECTION 9.
 – Unfinished plants (plug seedlings, cuttings, liners, tissue cultured plantlets, etc.). Report in SECTION 17.
 – Vinca (*Vinca minor*) used for ground cover. Report in SECTION 9.
 – Foliage plants for indoor or patio use. Report in SECTION 5.

404 1 ☐ YES – Complete this SECTION 3 ☐ NO – Go to SECTION 5

Flat size (inches)
880

Flat size (inches)
881

2. Report flat size used if NOT 10" x 20" to 11" x 22".

X

REPORT AS: – FLATS when using a common insert (for example: 606, 1204, 1206, 1801, 1803, etc.).
 – POTS if produced as separate units, including pots produced in shuttle trays, carrier flats, or flats of individual pots.
 – POTS if produced as containers of annuals and mixed annuals such as color bowls, strawberry jars, or combination planters.

3. For each type of annual bedding/garden plant finished and sold, report production and sales. For those plants not printed in the table on the next page, enter the plant name and code from the list below.

Annual Bedding/Garden Plants	Code	Annual Bedding/Garden Plants	Code	Vegetable Type Bedding Plants	Code
Ageratum	5000	Impatiens, New Guinea	637	Broccoli, cabbage, cauliflower and other crucifers	6000
Alyssum, sweet	5020	Impatiens, other (<i>L. wickströmii</i>)	632	Herbs (culinary)	6020
Begonia	577	Lobelia	5300	Peppers, all (excluding ornamentals)	6040
Caladium	5060	Marigolds	852	Tomatoes all	6060
Calibrachoa	5540	Nicotiana	5340	Other vegetable type bedding plants	6380
Celosia	5080	Pansies/Violas	868		
Coleus	5100	Petunias	642		
Combination planter/color bowl	5800	Portulaca	5400		
Dahlia	5140	Salvia, annual	5440		
Dusty miller	5120	Scaevola	5420		
Fuchsia	5160	Snapdragon	5460		
Gazania	5220	Verbena	5480		
Geraniums (from vegetative cuttings)	910	Vinca (<i>Catharanthus roseus</i>)	5500		
Geraniums (from seeds and plug seedlings)	844	Zinnia	5520		
Gerbera daisy	5240	Other flowering and foliar annuals	5880		

09624081



SECTION 4 ANNUAL BEDDING/GARDEN PLANTS, continued

Annual Bedding/ Garden Plants	Code	Type of Container	Retail Sales in 2009		Wholesale Sales in 2009	
			Number Sold	Value (Dollars)	Number Sold	Value (Dollars)
Begonias	577	Flats		578 \$.00	579	580 \$.00
		Pots less than 5"	581	582 \$.00	583	584 \$.00
		Pots 5" or more	585	586 \$.00	587	588 \$.00
		Hanging baskets	589	590 \$.00	591	592 \$.00
Geraniums (from vegetative cuttings)	910	Flats		911 \$.00	912	913 \$.00
		Pots less than 5"	140	762 \$.00	142	144 \$.00
		Pots 5" or more	141	763 \$.00	143	143 \$.00
		Hanging baskets	914	915 \$.00	916	917 \$.00
Geraniums (from seeds and plug seedlings)	844	Flats		845 \$.00	846	847 \$.00
		Pots less than 5"	147	764 \$.00	149	151 \$.00
		Pots 5" or more	148	765 \$.00	150	144 \$.00
		Hanging baskets	848	849 \$.00	850	851 \$.00
Impatiens, New Guinea	637	Flats		741 \$.00	638	639 \$.00
		Pots less than 5"	680	766 \$.00	682	684 \$.00
		Pots 5" or more	681	767 \$.00	683	686 \$.00
		Hanging baskets	652	747 \$.00	660	661 \$.00
Impatiens, other (<i>I. wallerana</i>)	632	Flats		742 \$.00	633	634 \$.00
		Pots less than 5"	672	768 \$.00	674	676 \$.00
		Pots 5" or more	673	769 \$.00	675	677 \$.00
		Hanging baskets	655	748 \$.00	656	657 \$.00
Marigolds	852	Flats		853 \$.00	854	855 \$.00
		Pots less than 5"	856	857 \$.00	858	859 \$.00
		Pots 5" or more	860	861 \$.00	862	863 \$.00
		Hanging baskets	864	865 \$.00	866	867 \$.00
Pansies/Violas	868	Flats		869 \$.00	870	871 \$.00
		Pots less than 5"	872	873 \$.00	874	875 \$.00
		Pots 5" or more	876	877 \$.00	878	879 \$.00
		Hanging baskets	884	885 \$.00	886	887 \$.00
Petunias	642	Flats		743 \$.00	643	644 \$.00
		Pots less than 5"	686	770 \$.00	690	692 \$.00
		Pots 5" or more	689	771 \$.00	691	693 \$.00
		Hanging baskets	663	749 \$.00	664	665 \$.00
ANNUAL BEDDING/GARDEN PLANTS CONTINUED ON NEXT PAGE						

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SECTION 4 ANNUAL BEDDING/GARDEN PLANTS, continued

Annual Bedding/ Garden Plants	Code	Type of Container	Retail Sales in 2009		Wholesale Sales in 2009	
			Number Sold	Value (Dollars)	Number Sold	Value (Dollars)
Specify from list on page 8:		Flats		1 \$.00	2	3 \$.00
		Pots less than 5"	5	6 \$.00	7	8 \$.00
		Pots 5" or more	10	11 \$.00	12	13 \$.00
		Hanging baskets	15	16 \$.00	17	18 \$.00
		Flats		1 \$.00	2	3 \$.00
		Pots less than 5"	5	6 \$.00	7	8 \$.00
		Pots 5" or more	10	11 \$.00	12	13 \$.00
		Hanging baskets	15	16 \$.00	17	18 \$.00
		Flats		1 \$.00	2	3 \$.00
		Pots less than 5"	5	6 \$.00	7	8 \$.00
		Pots 5" or more	10	11 \$.00	12	13 \$.00
		Hanging baskets	15	16 \$.00	17	18 \$.00
		Flats		1 \$.00	2	3 \$.00
		Pots less than 5"	5	6 \$.00	7	8 \$.00
		Pots 5" or more	10	11 \$.00	12	13 \$.00
		Hanging baskets	15	16 \$.00	17	18 \$.00
		Flats		1 \$.00	2	3 \$.00
		Pots less than 5"	5	6 \$.00	7	8 \$.00
		Pots 5" or more	10	11 \$.00	12	13 \$.00
		Hanging baskets	15	16 \$.00	17	18 \$.00
		Flats		1 \$.00	2	3 \$.00
		Pots less than 5"	5	6 \$.00	7	8 \$.00
		Pots 5" or more	10	11 \$.00	12	13 \$.00
		Hanging baskets	15	16 \$.00	17	18 \$.00
		Flats		1 \$.00	2	3 \$.00
		Pots less than 5"	5	6 \$.00	7	8 \$.00
		Pots 5" or more	10	11 \$.00	12	13 \$.00
		Hanging baskets	15	16 \$.00	17	18 \$.00
		Flats		1 \$.00	2	3 \$.00
		Pots less than 5"	5	6 \$.00	7	8 \$.00
		Pots 5" or more	10	11 \$.00	12	13 \$.00
		Hanging baskets	15	16 \$.00	17	18 \$.00
		Flats		1 \$.00	2	3 \$.00
		Pots less than 5"	5	6 \$.00	7	8 \$.00
		Pots 5" or more	10	11 \$.00	12	13 \$.00
		Hanging baskets	15	16 \$.00	17	18 \$.00
		Flats		1 \$.00	2	3 \$.00
		Pots less than 5"	5	6 \$.00	7	8 \$.00
		Pots 5" or more	10	11 \$.00	12	13 \$.00
		Hanging baskets	15	16 \$.00	17	18 \$.00

(If more space is needed, use a separate sheet of paper.)

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SECTION 5 FOLIAGE PLANTS FOR INDOOR OR PATIO USE

1. Did this operation finish and sell any potted foliage plants or foliage hanging baskets for indoor or patio use during 2009?

INCLUDE: – Plants that have flowers which are secondary compared with foliage features.
Indoor/patio shrubs, trees, and vines finished by you.

EXCLUDE: – Unfinished plants (plug seedlings, cuttings, liners, tissue cultured plantlets, etc.). Report in SECTION 17.
– Foliage plants intended for landscape use. Report in SECTION 9.
– Hardy/garden ferns. Report in SECTION 3.

405 1 ☐ **YES** – Complete this SECTION 3 ☐ **NO** – Go to SECTION 6

2. For each foliage plant finished and sold, report production and sales by type of container. Enter the plant name and code from the list below.

Foliage Plants	Code	Foliage Plants	Code	Foliage Plants	Code
Aglaonema	7000	Dracaena	7120	Philodendron	7260
Anthurium	7020	Epipremnum	7140	Schefflera	7280
Bromeliad	7040	Ferns (tropical ferns potted)	7160	Spathiphyllum	7300
Cacti and succulents	7060	Ficus	7180	Syngonium (nephthytis)	7320
Combination planters (dish gardens, terrariums, etc.)	7800	Hedera (Ivy)	7200	Other foliage plants	7700
Croton	7080	Maranta/Calathea	7220		
Dieffenbachia	7100	Palms	7240		

Foliage Plants	Code	Type of Container	Retail Sales in 2009		Wholesale Sales in 2009	
			Number Sold	Value (Dollars)	Number Sold	Value (Dollars)
Specify from list above:		Pots less than 6"	1	\$.00	2	\$.00
		Pots 6" to 13"	5	\$.00	7	\$.00
		Pots 14" or more	10	\$.00	12	\$.00
		Hanging baskets	15	\$.00	17	\$.00
		Pots less than 6"	1	\$.00	2	\$.00
		Pots 6" to 13"	5	\$.00	7	\$.00
		Pots 14" or more	10	\$.00	12	\$.00
		Hanging baskets	15	\$.00	17	\$.00
		Pots less than 6"	1	\$.00	2	\$.00
		Pots 6" to 13"	5	\$.00	7	\$.00
		Pots 14" or more	10	\$.00	12	\$.00
		Hanging baskets	15	\$.00	17	\$.00
		Pots less than 6"	1	\$.00	2	\$.00
		Pots 6" to 13"	5	\$.00	7	\$.00
		Pots 14" or more	10	\$.00	12	\$.00
		Hanging baskets	15	\$.00	17	\$.00
		Pots less than 6"	1	\$.00	2	\$.00
		Pots 6" to 13"	5	\$.00	7	\$.00
		Pots 14" or more	10	\$.00	12	\$.00
		Hanging baskets	15	\$.00	17	\$.00

(If more space is needed, use a separate sheet of paper.)

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SECTION 7 FOOD CROPS GROWN UNDER PROTECTION

1. Were any food crops grown under protection and sold on this operation in 2009 (including herbs and hydroponic food crops)?

EXCLUDE: – Transplants for commercial food crop production. Report in SECTION 18.

– Strawberry plants sold for home garden use. Report in SECTION 9.

– Food crops grown in the open.

– Vegetable bedding plants for home use, including potted herbs. Report in SECTION 4.

407 1 ☐ **YES** – Complete this SECTION 3 ☐ **NO** – Go to SECTION 8

		Area under protection	Total production	Percent production from hydroponic systems	Value of Sales in 2009 (Dollars)	
					Retail Sales	Wholesale Sales
None		Square feet	Cwt.			
Tomatoes	1260	<input type="checkbox"/>	1	2 %	3 \$	4 \$.00
Cucumbers	1210	<input type="checkbox"/>	1	2 %	3 \$	4 \$.00
Herbs, fresh	1220	<input type="checkbox"/>	1	2 %	3 \$	4 \$.00
Lettuce, all	1230	<input type="checkbox"/>	1	2 %	3 \$	4 \$.00
Peppers, all (excluding ornamentals)	1240	<input type="checkbox"/>	1	2 %	3 \$	4 \$.00
Strawberries	1280	<input type="checkbox"/>	1	2 %	3 \$	4 \$.00
Other food crops grown under protection	1290	<input type="checkbox"/>	1	2 %	3 \$	4 \$.00

SECTION 8 CHRISTMAS TREES CUT AND TO BE CUT

1. Were any Christmas trees cut and sold on this operation in 2009 or grown on this operation in 2009 to be cut in future years?

EXCLUDE: – Live Christmas trees (such as balled and burlapped) sold or to be sold. Report in SECTION 9.

– Cut coniferous evergreens for greens. Report in SECTION 6.

– Immature Christmas trees sold for further growing on. Report in SECTION 17.

408 1 ☐ **YES** – Complete this SECTION 3 ☐ **NO** – Go to SECTION 9

		Acres in production		Retail Sales in 2009		Wholesale Sales in 2009		Number of trees on operation January 1, 2010
		Acres	Tenths	Trees Sold	Value (Dollars)	Trees Sold	Value (Dollars)	
Balsam fir	250	<input type="checkbox"/>		1	2 \$	3 \$	4 \$.00	5
Colorado blue spruce	260	<input type="checkbox"/>		1	2 \$	3 \$	4 \$.00	5
Douglas fir	270	<input type="checkbox"/>		1	2 \$	3 \$	4 \$.00	5
Fraser fir	280	<input type="checkbox"/>		1	2 \$	3 \$	4 \$.00	5
Grand fir	290	<input type="checkbox"/>		1	2 \$	3 \$	4 \$.00	5
Leyland cypress	300	<input type="checkbox"/>		1	2 \$	3 \$	4 \$.00	5
Noble fir	310	<input type="checkbox"/>		1	2 \$	3 \$	4 \$.00	5
Scotch pine	320	<input type="checkbox"/>		1	2 \$	3 \$	4 \$.00	5
White pine	330	<input type="checkbox"/>		1	2 \$	3 \$	4 \$.00	5
White spruce	340	<input type="checkbox"/>		1	2 \$	3 \$	4 \$.00	5
Other - specify	350	<input type="checkbox"/>		1	2 \$	3 \$	4 \$.00	5

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2. Add the total number of trees on this operation January 1, 2010:

3. What **percent** of the total number of trees on this operation on January 1, 2010 do you expect to sell in:

1 Year	2 Years	3 Years	4 Years	5 Years	6 Years	7 Years	8 Years or more	TOTAL
365 %	366 %	367 %	368 %	369 %	370 %	371 %	372 %	100%

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SECTION 9 NURSERY STOCK PRODUCTION

1. Were any ornamentals, shrubs, shade trees, live Christmas trees, fruit and nut trees, vines, palms, ornamental grasses, etc. grown and sold in 2009 or grown on this operation in 2009 to be sold in future years?

EXCLUDE: – Dried bulbs, corms, rhizomes, and tubers. Report in SECTION 16.
 – Unfinished plants (plug seedlings, cuttings, liners, tissue cultured plantlets, etc.). Report in SECTION 17.
 – Strawberry transplants for commercial production. Report in SECTION 18.

409 ☐ **YES** – Complete SECTIONS 9 and 10 ☐ **NO** – Go to SECTION 11

2. For each type of nursery plant grown and sold, report production and sales. Enter the plant name and code from the list below on the next page.

Broadleaf Evergreens	Code	Deciduous Flowering Trees	Code	Deciduous Shrubs	Code	Ornamental Grasses	Code
Azalea	8000	Amelanchier	8300	Barberry, all	8400	All ornamental grasses ..	8610
Boxwood	8005	Callery pear	8305	Buddleias	8405		
Cotoneaster	8010	Crabapple	8310	Hibiscus	8410		
Euonymus	8015	Crape myrtle	8315	Hydrangeas	8415		
Holly	8020	Dogwood	8320	Lilacs	8420		
Magnolia	8025	Flowering cherry	8325	Roses (shrubs)	8425		
Pieris	8030	Flowering plum	8330	Spireas	8430		
Pittosporum	8035	Golden rain	8335	Viburnum	8435		
Privet	8040	Hawthorn	8340	Weigelas	8440		
Rhododendron	8045	Magnolia	8345	Other deciduous shrubs	8495		
Viburnum	8050	Redbud	8350			Landscaping Palms	Code
Other broadleaf evergreens	8095	Other deciduous flowering trees	8395			All landscaping palms ..	8600
Coniferous Evergreens	Code	Deciduous Shade Trees	Code	Fruit and Nut Plants	Code	Other Woody Ornamentals and Vines	Code
Arbovitae	8100	Ash	8200	Citrus and subtropical fruit trees	8500	Clematis, climbing	8620
Cedar	8105	Birch	8205	Deciduous fruit and nut trees	8505	Vinca ground cover	8625
Cypress	8110	Honey locust	8210	Grapevines	8550	Other vines	8635
Fir	8115	Linden	8215	Strawberry plants (home use)	8555	Other ground covers ..	8630
Hemlock	8120	Maple, Japanese	8220	Other small fruit plants ..	8595		
Juniper	8125	Maple, Norway	8225	Other fruit and nut trees	8545		
Live Christmas trees ..	8190	Maple, red	8230				
Pine	8130	Maple, sugar	8235				
Spruce	8135	Maple, other	8240				
Yew	8140	Oak	8245				
Other coniferous evergreens	8195	Poplar	8250				
		Sweet gum	8255				
		Willow	8260				
		Other deciduous shade trees	8295				
						Bareroot Herbaceous Perennials	Code
						All bareroot herbaceous perennials	8650

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SECTION 10 NURSERY STOCK – SALES CATEGORIES

1. Report the percent of total sales (wholesale and retail) of all nursery stock reported in SECTION 9 that were sold in the following categories:

		Percent of total sales (wholesale and retail) that were in the following categories (must sum to 100% for each crop)				
None		Bareroot	Balled and burlapped	Containers (all types)	Other	Total
Deciduous shade trees	9915 <input type="checkbox"/>	% ¹	% ²	% ³	%	100%
Deciduous flowering trees	9910 <input type="checkbox"/>	% ¹	% ²	% ³	%	100%
Broadleaf evergreens	9900 <input type="checkbox"/>	% ¹	% ²	% ³	%	100%
Coniferous evergreens	9905 <input type="checkbox"/>	% ¹	% ²	% ³	%	100%
Deciduous shrubs	9920 <input type="checkbox"/>	% ¹	% ²	% ³	%	100%
Landscaping palms	9935 <input type="checkbox"/>	% ¹	% ²	% ³	%	100%
Ornamental grasses	9930 <input type="checkbox"/>	% ¹	% ²	% ³	%	100%
Fruit and nut plants	9925 <input type="checkbox"/>	% ¹	% ²	% ³	%	100%
Other woody ornamentals and vines	9940 <input type="checkbox"/>	% ¹	% ²	% ³	%	100%

SECTION 11 SOD, SPRIGS, OR PLUGS

1. Did this operation grow and sell sod, sprigs, or plugs in 2009?

411 1 ☐ YES – Complete this SECTION 3 ☐ NO – Go to SECTION 12

Area in production		Area harvested		Value of Sales in 2009 (Dollars)	
Acres	Tenths	Acres	Tenths	Retail Sales	Wholesale Sales
1300		1301		1302	1303
Sod, sprigs, or plugs				\$.00	\$.00

SECTION 12 SHORT ROTATION WOODY CROPS

1. Did this operation grow and sell short rotation woody crops in 2009?

INCLUDE: – Trees for pulpwood, sawlogs, etc. with growth cycles of 10 years or less.

EXCLUDE: – Trees for timber or landscaping.

412 1 ☐ YES – Complete this SECTION 3 ☐ NO – Go to SECTION 13

Area in production		Area harvested		Quantity harvested	Value of Sales in 2009 (Dollars)	
Acres	Tenths	Acres	Tenths	Green tons	Retail Sales	Wholesale Sales
Hybrid poplars	1310 <input type="checkbox"/>	1		2	3	4
Other short rotation woody crops	1315 <input type="checkbox"/>	1		2	3	4
					\$.00	\$.00
					\$.00	\$.00

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SECTION 13 AQUATIC PLANTS

1. Did this operation grow and sell any aquatic plants in 2009?

INCLUDE: – Underwater plants, floating-leaved plants, and riparian plants.413 1 ☐ **YES** – Complete this SECTION 3 ☐ **NO** – Go to SECTION 14

Area Used for Production			Value of Sales in 2009 (Dollars)	
Under Protection	In the Open		Number of aquatic plants sold	
Square feet	Acres	Tenths		
1330	1331	_____	1332	
Aquatic plants:			1333	1334
			\$.00	\$.00

SECTION 14 VEGETABLE SEEDS

1. Did this operation grow and sell any vegetable seeds in 2009?

EXCLUDE: – Potatoes for seed.
– Sweet corn for seed.414 1 ☐ **YES** – Complete this SECTION 3 ☐ **NO** – Go to SECTION 15

Area Used for Production			Value of Sales in 2009 (Dollars)	
Under Protection	In the Open		Quantity harvested and sold	
Square feet	Acres	Tenths		
1340	1341	_____	1342	
Vegetable seeds:			1343	1344
			\$.00	\$.00

SECTION 15 FLOWER SEEDS

1. Did this operation grow and sell any flower seeds in 2009?

415 1 ☐ **YES** – Complete this SECTION 3 ☐ **NO** – Go to SECTION 16

Area Used for Production			Value of Sales in 2009 (Dollars)	
Under Protection	In the Open		Quantity harvested and sold	
Square feet	Acres	Tenths		
None			(Pounds of clean seed)	
Alyssum, sweet: 1350 <input type="checkbox"/>	1	_____	2	3
				\$.00
Marigold: 1355 <input type="checkbox"/>	1	_____	2	3
				\$.00
Sweet pea: 1360 <input type="checkbox"/>	1	_____	2	3
				\$.00
Wildflowers: 1365 <input type="checkbox"/>	1	_____	2	3
				\$.00
Other flower seeds: 1370 <input type="checkbox"/>	1	_____	2	3
Specify:				\$.00
1379				

SECTION 16 DRIED BULBS, CORMS, RHIZOMES, OR TUBERS

1. Did this operation grow and sell any dried bulbs, corms, rhizomes, or tubers to be used for forcing or outdoor use in 2009?

EXCLUDE: – Finished forced flowers.416 1 ☐ **YES** – Complete this SECTION 3 ☐ **NO** – Go to SECTION 17

Area Used for Production			Value of Sales in 2009 (Dollars)	
Under Protection	In the Open		Quantity harvested and sold	
Square feet	Acres	Tenths		
1380	1381	_____	1382	
Dried bulbs, corms, rhizomes, or tubers:			1383	1384
			\$.00	\$.00

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SECTION 17 PROPAGATIVE HORTICULTURE MATERIAL, BAREROOT, AND UNFINISHED PLANTS

1. Did this operation grow and sell any propagative horticulture material, bareroot or unfinished plants during 2009?

INCLUDE: – Unfinished bareroot perennials, cuttings, liners, plug seedlings, prefinished plants, or tissue cultured plantlets.
– Plants sold to other growers for further growing on.

EXCLUDE: – FINISHED plants sold to others.
– Vegetable seeds. Report in SECTION 14.
– Flower seeds. Report in SECTION 15.
– Dried bulbs, corms, or rhizomes. Report in SECTION 16.

417 1 ☐ **YES** – Complete this SECTION 3 ☐ **NO** – Go to SECTION 18

2. Report the total values of sales of propagative (unfinished) materials by category.

a. Cut flowers	\$ <input type="text" value="901"/> .00	d. Herbaceous perennials	\$ <input type="text" value="904"/> .00
b. Potted flowering plants	\$ <input type="text" value="902"/> .00	e. Foliage plants	\$ <input type="text" value="905"/> .00
c. Annual bedding/garden plants	\$ <input type="text" value="903"/> .00	f. Cut cultivated greens	\$ <input type="text" value="906"/> .00

3. Using the table below, please report on the next page all floriculture or nursery plants for further growing on (unfinished plants) or propagation materials, such as cuttings, liners, plug seedlings, prefinished plants, or tissue cultured plantlets, produced and sold in 2009.

Cuttings	Code	Plug Seedlings	Code	Tissue Cultured Plantlets	Code	Prefinished Plants	Code
African violets	9000	Annual bedding/garden plants	9165	Annual bedding/garden plants	9265	Azalea (florist)	9300
Carnations	9005	Cut flowers	9150	Cut flowers	9250	Easter lilies	9305
Chrysanthemums	9010	Foliage plants	9170	Foliage plants	9270	Foliage plants	9370
Foliage plants	9070	Herbaceous perennials	9160	Herbaceous perennials	9260	Hibiscus (potted)	9310
Geraniums	9015	Nursery stock	9180	Nursery stock	9280	Orchid	9315
Herbaceous perennials	9060	Potted flowering plants	9155	Potted flowering plants	9255	Poinsettia	9320
Impatiens, New Guinea	9020	Other plug seedlings	9195	Other tissue cultured plantlets	9295	Roses (potted)	9325
Kalanchoes	9025					Other prefinished flowering plants	9375
Nursery stock	9080						
Poinsettias	9030						
Other cuttings	9095						
Liners							
Bedding and Flowering Plants	Code	Foliage Plants	Code	Nursery Stock	Code		
African violets	9400	Aglaonema	9500	Broadleaf evergreens	9600		
Carnations	9405	Dieffenbachia	9505	Citrus and subtropical fruit trees	9630		
Chrysanthemums	9410	Dracaena	9510	Coniferous evergreens	9605		
Geraniums	9415	Epipremnum (Pothos)	9515	Deciduous flowering trees	9610		
Herbaceous perennials	9460	Ferns, potted	9520	Deciduous fruit and nut trees	9635		
Impatiens, New Guinea	9420	Philodendron	9525	Deciduous shade trees	9615		
Kalanchoes	9425	Spathiphyllum	9530	Deciduous shrubs (exclude roses)	9625		
Poinsettias	9430	Other foliage plant liners	9595	Roses, landscape	9620		
Other bedding plant liners	9485			Other nursery plant liners	9695		
Other flowering plant liners	9490						

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SECTION 17 PROPAGATIVE HORTICULTURE MATERIAL, BARERoot, AND UNFINISHED PLANTS, continued

Plant name	Code	Retail Sales in 2009		Wholesale Sales in 2009	
		Number Sold	Value (Dollars)	Number Sold	Value (Dollars)
<i>Specify from list on page 18</i>			\$.00		\$.00
			\$.00		\$.00
			\$.00		\$.00
			\$.00		\$.00
			\$.00		\$.00
			\$.00		\$.00
			\$.00		\$.00
			\$.00		\$.00
			\$.00		\$.00
			\$.00		\$.00
			\$.00		\$.00
			\$.00		\$.00
			\$.00		\$.00
			\$.00		\$.00
			\$.00		\$.00
			\$.00		\$.00
			\$.00		\$.00
			\$.00		\$.00
			\$.00		\$.00

(If more space is needed, use a separate sheet of paper.)
SECTION 18 TRANSPLANTS FOR COMMERCIAL VEGETABLE AND STRAWBERRY PRODUCTION

1. Did this operation grow and sell any transplants for commercial vegetable and strawberry production in 2009?

EXCLUDE: – Vegetable bedding plants grown for home use. Report in SECTION 4.
 – Strawberry bedding plants grown for home use. Report in SECTION 9.
 – Tobacco transplants. Report in SECTION 19.

418 1 ☐ **YES** – Complete this SECTION 3 ☐ **NO** – Go to SECTION 19

		Area in production			Value of Sales in 2009 (Dollars)	
		Area under protection Square feet	In the open		Retail Sales	Wholesale Sales
			Acres	Tenths		
Broccoli, cabbage, cauliflower, and other crucifers.	8880 <input type="checkbox"/>		1	2	\$.00	\$.00
Greens (collard, turnip, kale, etc.).	8830 <input type="checkbox"/>		1	2	\$.00	\$.00
Peppers, all (exclude ornamentals).	8840 <input type="checkbox"/>		1	2	\$.00	\$.00
Strawberries (commercial production)	8850 <input type="checkbox"/>		1	2	\$.00	\$.00
Tomatoes	8860 <input type="checkbox"/>		1	2	\$.00	\$.00
Other transplants for commercial production – specify.	8890 <input type="checkbox"/>		1	2	\$.00	\$.00

8899

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SECTION 19 TOBACCO TRANSPLANTS

1. Did this operation grow and sell any tobacco transplants in 2009?

419 1 ☐ YES – Complete this SECTION 3 ☐ NO – Go to SECTION 20

Under protection	Value of Sales in 2009 (Dollars)	
	Retail Sales	Wholesale Sales
1390	1391 \$.00	1392 \$.00

Tobacco transplants for sale:

SECTION 20 MARKETING CHANNELS

1. Report the percent of the total value of sales (wholesale and retail) of horticultural crops sold from this operation were sold to –

	None	Percent
a. Consumers (direct sales)	1400 <input type="checkbox"/>	%
b. Retail florists	1401 <input type="checkbox"/>	%
c. Retail garden centers/nurseries, excluding mass marketers	1402 <input type="checkbox"/>	%
d. Supermarkets/groceries	1403 <input type="checkbox"/>	%
e. Other mass marketers (discount chain stores, hardware/home improvement stores, etc.)	1404 <input type="checkbox"/>	%
f. Interiorscapers	1405 <input type="checkbox"/>	%
g. Landscape contractors	1406 <input type="checkbox"/>	%
h. Wholesale florists	1407 <input type="checkbox"/>	%
i. Landscape redistribution yards	1408 <input type="checkbox"/>	%
j. Non-profit groups (fund raisers)	1409 <input type="checkbox"/>	%
k. Other – specify <input type="text" value="1410"/>	1410 <input type="checkbox"/>	%
TOTAL (sum a - k)		100%

SECTION 21 ESTIMATED VALUE OF LAND, BUILDINGS, MACHINERY, AND EQUIPMENT

1. Report your best estimate of the current market value of –

a. Land and buildings owned and/or rented by this operation on December 31, 2009 and used for horticultural production

Dollars	
0900	\$.00

b. All machinery and equipment usually kept on this operation regardless of ownership on December 31, 2009 and used for horticultural production

0943	\$.00
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SECTION 22 HORTICULTURE PRODUCTION EXPENSES

1. Report total expenses paid for the horticultural production on this operation in 2009.

INCLUDE: – Expenses paid by your landlord.

EXCLUDE: – Expenses related to retail store on the operation, landscaping, consulting, production of other crops, etc.

HORTICULTURAL EXPENSES PAID BY THIS OPERATION AND ITS LANDLORD(S)

	None	Dollars
a. Seeds, plants, vines, trees, etc. purchased	1603 <input type="checkbox"/>	\$.00
b. Potting soils and growing media – Include inert support materials for hydroponic systems. Exclude ground soil obtained from this operation and hydroponic water	1641 <input type="checkbox"/>	\$.00
c. Fertilizer, lime, and soil conditioner purchased – Include cost of custom application and organic materials. Exclude purchase for resale	1601 <input type="checkbox"/>	\$.00
d. Chemicals purchased, such as herbicides, insecticides, fungicides, fumigants, other pesticides, etc.	1602 <input type="checkbox"/>	\$.00
e. Containers (pots, flats, etc.)		
(i) Plastic	1661 <input type="checkbox"/>	\$.00
(ii) Styrofoam or other foam containers	1662 <input type="checkbox"/>	\$.00
(iii) Naturally based containers (wood, peat, straw, rice hulls, corn, wheat, etc.)	1663 <input type="checkbox"/>	\$.00
(iv) Clay pots	1664 <input type="checkbox"/>	\$.00
(v) Glazed pottery	1665 <input type="checkbox"/>	\$.00
(vi) Other	1666 <input type="checkbox"/>	\$.00
f. Hired labor expenses – Include employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc. for workers who –		
(i) Worked less than 150 days in 2009	1650 <input type="checkbox"/>	\$.00
(ii) Worked 150 days or more in 2009	1651 <input type="checkbox"/>	\$.00
g. Contract labor – Include expenses for contract labor, such as harvesting, performed on a contract basis by a contractor, crew leader, etc.	1611 <input type="checkbox"/>	\$.00
h. Gasoline, fuels, and oils purchased for the horticultural operation – Include diesel, natural gas, LP gas, motor oil and grease, etc.	1607 <input type="checkbox"/>	\$.00
i. Utilities purchased for the horticultural operation – Include electricity, operation share of telephone, water purchased, etc.	1608 <input type="checkbox"/>	\$.00
j. Repairs, supplies, and maintenance costs for the horticultural operation	1609 <input type="checkbox"/>	\$.00
k. Rent and lease expenses for land, buildings, machinery, etc.	1653 <input type="checkbox"/>	\$.00
l. Interest paid on all debt related to the horticultural operation	1655 <input type="checkbox"/>	\$.00
m. Property taxes paid in 2009 – Include operation real estate, machinery, etc. for the horticultural operation. Include taxes paid by this operation's landlord(s)	1617 <input type="checkbox"/>	\$.00
n. Marketing expenses – Include expenses for trade shows, web sites, catalogues, media advertising, trade journals, newsletters, etc.	1660 <input type="checkbox"/>	\$.00
o. Other production expenses – Include custom work, storage and warehousing, insurance premiums, etc. Exclude health insurance premiums and payroll taxes.	1618 <input type="checkbox"/>	\$.00
TOTAL expenses paid by this operation and its landlord(s) (sum a - o)		1099 \$.00
2. Returns and allowances (discounts and value of returned merchandise)	1602 <input type="checkbox"/>	\$.00

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SECTION 23 TOTAL AREA

Report greenhouse, other covered space and outdoor land area used for the production of horticultural crops grown on this operation in 2009.

INCLUDE: – Area for production of all horticultural crops.
– Aisles, walkways and other production areas.

EXCLUDE: – Areas growing non-horticultural crops.
– Non-agricultural production areas, such as roads, parking areas and retail sales areas.

1. Greenhouse area (include heated and unheated structures)	None	Square Feet
a. Glass	247 <input type="checkbox"/>	
b. Rigid plastic (acrylics, polycarbonates, fiberglass, etc.)	184 <input type="checkbox"/>	
c. Plastic film (single or multi-layer poly)	185 <input type="checkbox"/>	
d. TOTAL land area covered by greenhouses	190 <input type="checkbox"/>	
(i) How much of the total greenhouse area was new greenhouse space erected during 2009?	191 <input type="checkbox"/>	
2. Shade structure area (slat, saran, and other covers)	186 <input type="checkbox"/>	
3. Natural shade area used to grow horticultural crops	188 <input type="checkbox"/>	
4. Area in the open used to grow horticultural crops (exclude area used for sod and Christmas tree production)	189 <input type="checkbox"/>	

None	Acres	Tenths	OR	Square Feet
				196
				199

SECTION 24 AREA USED FOR HORTICULTURAL PRODUCTION

1. Report the area used for the production of the following horticultural crops by plant type. If the same area was used to grow different crop types, report the area for each crop type: (exclude crop turns within each crop category)

	None	Greenhouse Area	Shade Structure Area	Natural Shade Area		Area in the Open	
		Square Feet	Square Feet	Acres	Tenths	Acres	Tenths
a. Cut flowers	500 <input type="checkbox"/>		1	2	3		
b. Potted flowering plants	520 <input type="checkbox"/>		1	2	3		
c. Potted herbaceous perennials	525 <input type="checkbox"/>		1	2	3		
d. Annual bedding/garden plants	530 <input type="checkbox"/>		1	2	3		
e. Foliage plants, pots	535 <input type="checkbox"/>		1	2	3		
f. Foliage plants, hanging baskets	540 <input type="checkbox"/>		1	2	3		
g. Cut cultivated greens	545 <input type="checkbox"/>		1	2	3		
h. Nursery stock (Include propagation area)	550 <input type="checkbox"/>		1	2	3		
i. All other horticultural crops	555 <input type="checkbox"/>		1	2	3		

SECTION 25 GREENHOUSE, NURSERY, AND OTHER HORTICULTURAL LABOR

1. Report greenhouse, nursery, and other horticultural labor used on this operation in 2009.

INCLUDE: – Full-time and part-time workers, hired managers, and PAID family members.

EXCLUDE: – Workers employed for the retail operation, those working as landscapers, contract labor, and unpaid family members.

Of the hired workers in 2009, how many –

a. Worked less than 150 days?	941 <input type="checkbox"/>	Number of employees
b. Worked 150 days or more?	942 <input type="checkbox"/>	
2. What was the largest number of workers on the payroll on any one day in 2009?	900 <input type="checkbox"/>	

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SECTION 26 TYPE OF HORTICULTURAL OPERATION AND LOCATION

1. Mark the item which best describes this operation in 2009.

600

- 1 ☐ Individual operator
- 2 ☐ Partnership
- 3 ☐ Corporation
- 4 ☐ Other – specify

601

2. Report the location of the growing operation(s) included in this questionnaire. If more than one county is listed, report the percent each location contributed to total value of horticultural sales.

Principal county:

Other counties:

County	State	Percent of Total Sales
605	606	607 %
610	611	612 %
615	616	617 %
620	621	622 %
625	626	627 %

SECTION 27 TOTAL VALUE OF HORTICULTURAL SALES

1. What was the total gross value of sales for the reported horticultural crops in 2009? (Check only one)

- ☐ \$0 to \$999 99
- ☐ \$1,000 to \$9,999 1
- ☐ \$10,000 to \$19,999 2
- ☐ \$20,000 to \$24,999 3
- ☐ \$25,000 to \$39,999 4
- ☐ \$40,000 to \$49,999 5
- ☐ \$50,000 to \$99,999 6
- ☐ \$100,000 to \$249,999 7
- ☐ \$250,000 to \$499,999 8
- ☐ \$500,000 to \$999,999 9
- ☐ \$1,000,000 to \$2,499,999 10
- ☐ \$2,500,000 to \$4,999,999 11
- ☐ \$5,000,000 to \$9,999,999 12
- ☐ \$10,000,000 or more 13

Office Use

899

2. Does this operation expect to sell \$10,000 or more of any horticultural crops during 2010?

450

- 1 ☐ YES
- 2 ☐ DON'T KNOW
- 3 ☐ NO

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SECTION 28 CHANGE IN OPERATOR

1. Has this operation been sold, rented, or turned over to someone else?

950 1 ☐ **YES** – Complete this SECTION 3 ☐ **NO** – Go to SECTION 29

2. Please complete the following information for the operation that has taken over, then go to SECTION 29.

Operation Name

Operator Name

Address

City

State

Zip

SECTION 29 ADDITIONAL OPERATIONS

1. Are you involved in any additional greenhouse, outdoor floriculture, nursery, or other horticultural operations in this State?

951 1 ☐ **YES** – Please list name and address of operation(s) in this State: 3 ☐ **NO** – Continue

2. Are you involved in any additional greenhouse, outdoor floriculture, nursery, or other horticultural operations in any other State(s)?

952 1 ☐ **YES** – Please list name and address of operation(s) in other States: 3 ☐ **NO** – Go to SECTION 30**SECTION 30 CONCLUSION**

Name

Phone:

Date: MM DD YYYY

Thank you for your response

Response	Respondent	Mode	R Unit	Enum.	Eval.	Office Use for State POID		
1-Comp 2-R 3-Inac 4-Office Hold 5-R - Est 6-Inac - Est 7-Off Hold - Est 8-Known Zero	9901 1-Op/Mgr 2-Sp 3-Acct/Skpr 4-Partner 9-OTH	9902 1-Mail 2-Tel 3-Face-to-Face 4-CAT 5-Web 6-e-mail 7-Fax 8-CAP 19-Other	9903 921	0098	0100	789	0021	0022
							0024	0025
								0026

S/E Name

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0535-0236. The time required to complete this information collection is estimated to average 60 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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INSTRUCTION SHEET UNITED STATES 2009 CENSUS OF HORTICULTURAL SPECIALTIES

Who Should Report - A reply is required from everyone who received a questionnaire, including both persons who operated a horticultural operation in 2009 as well as those who were not involved in horticulture. Your report is due by February 5, 2010. More census information is on the Internet at www.nass.usda.gov/Census_of_Agriculture/

If you were in business in 2009, complete the enclosed questionnaire and return it in the preaddressed envelope.

If you had no land and no horticultural operations, return the report form with a note indicating your status on the front of the form below the address label.

General - A horticultural establishment is an operation growing and selling horticultural crops (greenhouse crops, outdoor-grown floricultural crops, nursery plants, sod, sprigs and plugs, greenhouse produced food crops, vegetable and flower seeds, Christmas trees, unfinished plants or propagation materials, and other horticultural crops) during 2009. Operations producing food crops, grown in the open are not considered horticultural establishments.

Refer to the instructions below for completing your questionnaire. The enclosed census questionnaire was mailed to producers and growers throughout the United States. Because it is meant for use in all parts of the country, it may contain items and inquiries which do not apply to you. In this case, mark the "No" or "None" box and go on to the next item or section.

If you did not operate a horticultural operation, go to section 28 and complete the questionnaire. If you had less than \$10,000 in sales, or your facilities were idle in 2009, go to Section 23 and complete the remainder of the questionnaire.

If you owned a horticultural facility in 2009 that was idle and NOT rented out, you should complete and return the report form.

Partial Year Operations - If you stopped operating during 2009, complete the questionnaire for the portion of the year that you did operate. Write "Stopped operating during 2009" and the date you stopped operating below the address area. Mail the completed report form in the return envelope.

Involved In More Than One Operation - If you made decisions for more than one horticultural operation, you should have received a report form for each operation. Provide information for each operation on a separate form. To obtain additional report forms, please call the toll-free help line at 1-888-424-7828.

Received More Than One Questionnaire For the Same Operation - If you received more than one report form for the same operation, complete only ONE form per operation. Write "Duplicate" below the address area of each extra form. Return all forms in the same return envelope with your completed form so that we can correct our records.

Have a Partnership Operation - Complete only ONE questionnaire for a partnership operation, including all partners' shares on the same questionnaire. If two or more questionnaires were received for the partnership, see instruction on "If You Received More than One Questionnaire" above.

How to Enter Your Responses on the Questionnaire - Use BLUE or BLACK INK only. Please enter your answers in the in the proper spaces and in the units requested, i.e. dollars, pot size, pounds, etc. Write any explanations outside the answer spaces or on a separate sheet of paper. Enter whole numbers unless tenth's acres are requested, such as reporting acres of flower seeds in Section 15. If you have $\frac{1}{2}$ of an acre, convert to the nearest tenths. For example, convert $\frac{1}{2}$ to 5/10 and enter .5 in the space provided.

If you do not have exact figures, please give your best estimates. You may indicate "EST." (for estimated) beside the answer. For all dollar items, we need only whole dollars; cents are not required.

COMPLETING THE QUESTIONNAIRE

The units of measure on the questionnaire are those most commonly used throughout the country. If you used a different unit of measure, convert your figure to the unit requested.

When reporting value of sales, do not include crops bought for resale without additional growing. Do not report sales of non-crop garden center items, i.e. chemicals, fertilizers, etc. Report retail sales and wholesale sales for those crops grown on this operation and sold directly from this operation. Report only the wholesale value of any crops sold to a retail outlet that was not on this operation or if the retail outlet was considered a separate business establishment. Estimates are acceptable if exact figures are not available.

To Report Plants in Sections 1-6; 9 & 17 - In each of these sections, report any of the plants which you grew that are listed in that section. For plants which are not prelisted:

1. Find the plant name and the corresponding code number from the list in that section.
2. Enter the plant name and code in the space provided for that item.
3. Enter the information requested in each column. In Sections 2, 3, 4, and 5 enter the information on the proper line for each type of container.
4. If additional space is needed, use a separate sheet of paper.

FACE PAGE - HORTICULTURE CROPS PRODUCED IN 2009 AND VALUE OF SALES

Check the boxes next to each of the horticultural crops your operation produced in 2009. If no horticultural crops were produced in 2009, check "None of the above" and go to Section 28. The scope of the census of horticulture is places which sold \$10,000 or more of horticultural crops in 2009. If you sold \$10,000 of horticultural crops, check yes and continue with Section 1, otherwise go to Section 23.

SECTION 1 - CUT FLOWERS

For each type of cut flower grown and sold on the operation in 2009, record the number grown and sold and the total value sales for retail and wholesale sales. If the units your operation produces for cut flowers (stems, bunches, spikes, etc.) are different than the units listed for a particular cut flower, convert to the listed unit or estimate for the listed unit in the section. For cut flowers not listed in the section, code as "other cut flowers". If more space is needed, list additional plants on a separate sheet of paper.

SECTION 2 - POTTED FLOWERING PLANTS FOR INDOOR OR PATIO USE

For each type of potted flowering plants grown and sold on the operation in 2009, record the number grown and sold and the total value of sales for retail and wholesale sales. There are two types of potted flowering plants provided in this section; potted flowering plants and potted spring flowering bulbs. The two sizes of containers are: pot sizes less than 5 inches and pot sizes greater than five inches. If more space is needed, list additional plants on a separate sheet of paper.

SECTION 3 - POTTED HERBACEOUS PERENNIALS

For each type of potted herbaceous perennial grown and sold on the operation in 2009, record the number grown and sold and the total value of sales for retail and wholesale sales. For Chrysanthemums, the containers are pot sizes less than 5 inches and pot sizes 5 inches or greater. For all other potted herbaceous perennials the type of containers are less than 1 gallon, 1 gallon up to 2 gallons, and 2 gallons or larger. For potted herbaceous perennials not listed in the section, code as "other herbaceous perennials." Report bareroot herbaceous perennials you grew and sold in section 9. If more space is needed, list additional plants on a separate sheet of paper.

SECTION 4 - ANNUAL BEDDING/GARDEN PLANTS

For each type of annual bedding/garden plant grown and sold on the operation in 2009, record the number grown and sold and the total value of sales for retail and wholesale sales. There are two types of annual bedding/garden plants provided in this section; annual bedding/garden plants and vegetable type bedding plants. There are four container types to report plants sold and value of sales: flats; pots less than 5 inches; pots 5 inches or greater; and hanging baskets. For flats, report a standard size of 10" X 20" to 11" X 22". If reporting a non-standard flat size, enter the dimensions of the majority of flats in the area provided. For annual bedding/garden plants not listed in the section, code as "other flowering and foliar annuals" or "other vegetable type bedding plants". If more space is needed, list additional plants on a separate sheet of paper.

SECTION 5 - FOLIAGE PLANTS FOR INDOOR OR PATIO USE

For each type of foliage plant grown and sold on the operation in 2009, record the number grown and sold and the total value of sales for retail and wholesale sales. There are four container types to report plants sold and value of sales: pots less than 6 inches; pots 6 inches to 13 inches; pots 14 inches or more; and hanging baskets. For foliage plants not listed in the section, code as "other foliage plants." If more space is needed, list additional plants on a separate sheet of paper.

SECTION 6 - CUT CULTIVATED GREENS

For each type of cut cultivated greens grown and sold on the operation in 2009, record the number grown and sold and the total value of sales for retail and wholesale sales. If the units your operation produces for cut cultivated greens (stems, bunches, vines)

are different than the units listed for a particular cut cultivated greens, convert to the listed unit or estimate for the listed unit in the section. For cut cultivated greens not listed in the section, code as "other cut cultivated greens". If more space is needed, list additional plants on a separate sheet of paper.

SECTION 7 - FOOD CROPS GROWN UNDER PROTECTION

For each type of vegetable grown and sold on the operation in 2009, report the total square feet under protection used to produce that crop, the total production (in hundredweight), the percent of the vegetable crop produced from hydroponic systems (the cultivation of plants in water containing inorganic nutrients) and the total value of sales for retail and wholesale sales. If the same area was refilled to different vegetable crops during the year, report the square feet for each crop. If refilled with the same crop, report the total crop produced under protection. For food crops not listed in the section, record as "other greenhouse produced food crops." Exclude food crops grown in the open.

SECTION 8 - CHRISTMAS TREES CUT AND TO BE CUT

For each type Christmas tree grown on the operation in 2009, report the acres in production (to the nearest 1/10 acre), the number of trees sold, and the total value of sales. Include the value of trees sold, even though payment was not received in 2009. For each type of Christmas tree, report the number of trees of uncut-growing trees on the operation on January 1, 2010. Also report an estimate for the percentage of the total number of trees on the operation that you expect to sell over the course of the next several years. Report balled and burlapped live Christmas trees grown and sold in Section 9. Report cut evergreens or coniferous greens in Section 6.

SECTION 9 - NURSERY STOCK PRODUCTION

For each type of tree, shrub, fruit and nut plants grown on the operation in 2009, report the number of plants sold and the total value of sales for retail and wholesale sales. For each type of nursery stock, report the number of uncut-growing trees or plants on the operation on January 1, 2010. Nursery stock in this section is divided into 10 separate categories: broadleaf evergreens, coniferous evergreens deciduous flowering trees, deciduous shade trees, deciduous shrubs, fruit and nut plants, ornamental grasses, landscaping palms other woody ornamentals and vines, and bareroot herbaceous perennials. If more space is needed, list additional plants on a separate sheet of paper.

SECTION 10 - NURSERY STOCK - SALES CATEGORIES

For the nursery stock items reported in section 9, report the percentage of sales (retail and wholesale) in 2009, for the following categories: bareroot, balled and burlapped, containers, and other. The summation across these categories for nursery stock items should equal 100%.

SECTION 11 - SOD, SPRIGS, OR PLUGS

Report the acres (to the nearest 1/10 acre) in production and acres harvested for sod, sprigs, or plugs in 2009. Also report the total value of sales for retail and wholesale sales in 2009. Acres planted to grass intended for sale as sod in subsequent years but not harvested in 2009 should be included in the area in production in 2009.

SECTION 12 - SHORT ROTATION WOODY CROPS

For the short rotation woody crops listed, report the acres (to the nearest 1/10 acre) in production and acres harvested in 2009. Also report the quantity harvested and the total value of sales for retail and wholesale sales in 2009. Short rotation woody crops are quick

growing trees, such as hybrid poplars or cottonwood trees, that are grown for harvest in less than 10 years. The production of these trees involves more than simply planting tree seedlings. Operations that provide inputs and resources, such as fertilization, thinning, watering, and spraying should be included. Operations planting seedlings for pulpwood with limited or no intervention by external resources are considered forestry operations and not horticulture operations.

SECTION 13 - AQUATIC PLANTS

Report the area used for the production of aquatic plants in 2009 which was under protection (square feet) and the area in the open (to the nearest 1/10 acre). Also report the number of aquatic plants sold and total value of sales for retail sales and wholesale sales in 2009. Include underwater plants that live completely submerged in water, floating leaved plants that grow with their roots anchored in the soil and with their leaves and flowers floating on the surface of the water, plants with roots that float freely on the water, and marginal plants that live at the edge of the water with most of their growth above the water but their roots under water. Do not include algae or seaweed.

SECTION 14 - VEGETABLE SEEDS

Report the area used for the production of vegetable seeds in 2009 which was under protection (square feet) and the area in the open (to the nearest 1/10 acre). Also report the quantity of vegetable seed harvested and sold (pounds of clean seed) and the total value of sales for retail and wholesale sales in 2009.

SECTION 15 - FLOWER SEEDS

Report the area used for the production of the listed flowering plants for flower seed in 2009 which was under protection (square feet) and the area in the open (to the nearest 1/10 acre). Also report the quantity of flower seeds harvested and sold (pounds of clean seed) and the total value of sales for retail and wholesale sales in 2009.

SECTION 16 - DRIED BULBS, CORMS, RHIZOMES, OR TUBERS

Report the area used for the production of dried bulbs, corms, rhizomes or tubers in 2009 which was under protection (square feet) and the area in the open (to the nearest 1/10 acre). Also report the quantity harvested and sold (pounds) and the total value of sales for retail and wholesale sales in 2009. Include bulbs harvested even though they may have been previously harvested for cut flowers.

SECTION 17 - PROPAGATIVE HORTICULTURAL MATERIAL, BAREROOT AND UNFINISHED PLANTS

Report the total value of sales (retail and wholesale) in 2009 for the following plant categories: cut flowers, potted flowering plants, annual bedding/garden plants, herbaceous perennials, foliage, and cut cultivated greens. Individual unfinished plants in this section are classified as cuttings, plug seedlings, tissue cultured plantlets, prefinished plants, and liners. Liners are further categorized as bedding and flowering plants, foliage plants, and nursery plants. For each type of plant grown on the operation in 2009, report the number of plants sold, and the total value of sales for retail and wholesale sales. For crops not listed in the section, record as "other" for a particular category.

SECTION 18 - TRANSPLANTS FOR COMMERCIAL VEGETABLE AND STRAWBERRY PRODUCTION

Report the area used for the production of the listed vegetable crops in 2009 which were under protection (square feet) and the area in

the open (to the nearest 1/10 acre). Also report the total value for retail and wholesale sales in 2009. For commercial vegetable transplants not listed in the section, record as "other transplants for commercial production." Exclude vegetable bedding plants for home use.

SECTION 19 - TOBACCO TRANSPLANTS

Report the area used for the production of tobacco transplants in 2009 which was under protection (square feet). Also report the total value for retail and wholesale sales in 2009.

SECTION 20 - MARKETING CHANNELS

Report whole percents of horticultural crops sold (retail and wholesale sales) to the listed marketing channels. The percentages should sum to one-hundred percent.

SECTION 21 - ESTIMATED VALUE OF LAND, BUILDINGS, MACHINERY AND EQUIPMENT

Item 1 - Estimate the value of the land, greenhouses, shade structures, and other buildings both owned and rented if they were sold in the current market. The real estate tax assessment value should not be used unless that value represents a full market value assessment and the land, greenhouses, and buildings could reasonably be assumed to be sold at that price. Do not deduct real estate marketing charges from your estimate. Report the total value, not the value on a per-acre basis.

Item 2 - The estimated market value refers to all machinery and equipment kept primarily on this operation and used for the horticulture production business. Report the value in its present condition, not the replacement or depreciated value. Include mobile implements, hand tools, and office supplies. Permanently installed equipment or equipment which is an integral part of a building should be included as a part of the value of land and buildings and reported in Item 1.

SECTION 22 - HORTICULTURAL PRODUCTION EXPENSES

Include horticultural production expenses paid by you and anyone else for the production of greenhouse crops, outdoor-grown floricultural crops, nursery plants, sod, sprigs and plugs, Christmas trees, and other horticultural crops on this operation. Include expenses incurred in 2009 even if they were not paid in 2009. Estimate if exact figures are not known.

Item d - Include surfactants and oils and other products used to increase a chemicals effectiveness.

Item f - Report labor expenses for workers who worked less than 150 days in 2009 and labor expenses for workers who worked 150 or more days during 2009. Include labor expense for the farm business for gross salaries and wages, commissions, dismissal pay, vacation pay, and bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Include cost for benefits such as employer's social security contributions, unemployment compensation, workman's compensation insurance, employer paid life and medical insurance expense, pension plans, etc.

Item g - Include the labor costs of workers furnished on a contract basis by labor contractor, crew leader, or cooperative for planting, maintaining, harvesting crops similar horticultural activities. Exclude costs for building or repair work done by a construction contractor.

Item j - Include the cost of repairs and upkeep of horticultural machinery, vehicles, buildings, fences, and other equipment used in the horticultural operation. Exclude repairs to vehicles not used in the horticultural operation. Exclude expenditures for the construction of new buildings or the cost of additions to existing

buildings.

Item k - Exclude rent paid for operator's dwelling or other nonfarm property.

Item l - Report all interest expenses paid in 2009 for the farm horticultural operation. Exclude interest associated with activities not related to production of horticultural crops on this operation. Exclude interest on owner/operator's dwelling where amount is separated from the interest on the land and buildings on this operation.

Item m - Include real estate property taxes you paid on the acres and buildings you owned and used in the horticultural operation and property taxes on equipment. Exclude property taxes on land or buildings rented to someone else, property taxes paid on other property not associated with the horticultural operation, income, social security, and excise taxes.

SECTION 23 - TOTAL AREA

Item 1 - Report the area (square feet) covered by glass, rigid plastic and plastic film greenhouses. Report area only once regardless of the number of crop turns which took place within a structure in 2009. The roof covering (glazing) determines the greenhouse classification. For example, a structure with a glass roof but insulated fiberglass sides is considered a glass greenhouse. Or, a structure that has an acrylic plastic roof with film plastic sides that can be rolled up in warmer weather should be considered a rigid plastic greenhouse.

SECTION 24 - TOTAL AREA USED FOR HORTICULTURAL PRODUCTION

Item 1 - Report the area for each horticultural category listed. For example, if two crops of annual bedding/garden plants were harvested from 1,000 square feet, report 1,000 square feet in the "annual bedding/garden plants" category. If 500 square feet of potted flowering plants were also grown in the same area, report 500 square feet in the "potted flowering plants" category and 1,000 square feet in the "annual bedding/garden plants" category.

SECTION 25 - GREENHOUSE, NURSERY AND OTHER HORTICULTURAL LABOR

Report the number of paid workers who performed horticultural labor on this operation in 2009. Include paid family members. Include workers such as hired bookkeepers, office workers, maintenance workers, etc. only, if their work was primarily associated with horticultural production on this operation. Include in item 1a any short term or temporary workers who may have worked only a few days. Exclude contract labor in items 1a and 1b.

SECTION 26 - TYPE OF HORTICULTURAL OPERATION AND LOCATION

Item 1 - Use the following definitions to assist you in determining the type of ownership for your operation:

Individual Proprietor or Family Operation - Defined as a business organization controlled and operated by an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement.

Partnership - Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by a husband and wife does not constitute a partnership, unless a specific agreement to share contributions, decision making, profits, and liabilities exists. Producing products under contract or under share rental agreements does not constitute partnerships.

Corporation - Defined as a legal entity or artificial person created

under the laws of a State to carry on a business; does not include cooperatives. Include family operations that are incorporated.

Other - If your operation did not fall into the provided categories, mark (X) this box and describe the type of ownership existed during 2009.

Item 2 - Report the county or counties where the growing activities for the operation reported in this questionnaire occurred in 2009. If the growing operations occurred in more than one county, list all the counties involved and estimate the percent of the total gross sales produced in each county. Check the figures to ensure that the percentages sum to one-hundred percent.

SECTION 27 - TOTAL VALUE OF HORTICULTURAL SALES

Item 1 - Select the sales range which most accurately represents the operations total gross value of horticultural sales in 2009. Exclude sales of fertilizer, statues, gardening books, chemicals, etc.

SECTION 28 - CHANGE IN OPERATOR

Complete this section only if there was no horticultural production for the operation on the label in 2009. If an operation was in business part of 2009, and then sold to someone else, complete the questionnaire for that part of the year that you operated the business.

SECTION 29 - ADDITIONAL OPERATIONS

Item 1 - Additional Operations In This State - If you are involved with any other horticultural operations in this State (other than the one listed on the label of the questionnaire) list them here.

Item 2 - Additional Operations In Any Other State(s) -

If you are involved with any other horticultural operations in any other State(s) list them here.

SECTION 30 - CONCLUSION

Print your name, telephone number and the date (month, day, and year) the questionnaire was completed in the space provided.